

CATALOG NO.45



**SCRAPERS
WHEEL BARROWS
GRADING PLOWS**

EXPORT DEPARTMENT

**90 WEST STREET
NEW YORK, U. S. A.**

The.
**SIDNEY STEEL SCRAPER
COMPANY
SIDNEY, OHIO, U.S.A.**



The Achievement of a High Aim.

Drag Scrapers

Wheeled Scrapers

Fresno Scrapers

Ditch Scrapers

Grading Plows

Wheelbarrows

Mortar Tubs

Concrete Carts

FOR more than 45 years, The Sidney Steel Scraper Company has occupied a leading position in its field.

The company's growth has been healthy and consistent, due to never ceasing endeavor to improve the value of its product

Labor saving machinery and improved methods have been adopted wherever practical. Many ingenious machines and processes have been developed by our engineers for the Company's exclusive use.

The goods shown in this catalogue embody every improvement in design and mechanism worked out in our long experience. No changes are ever adopted until their value is proven by thorough going tests under actual operating conditions. "Sidney" tools are dependable, of common sense pattern and practical construction.

We solicit your orders in an honest belief that better goods are not made by anybody. If you have not our latest prices, write or telegraph and we will quote you bottom figures.

If you are in a hurry for shipment, send in your order and we will give you the benefit of our best prices no matter whether you have quotation or not.

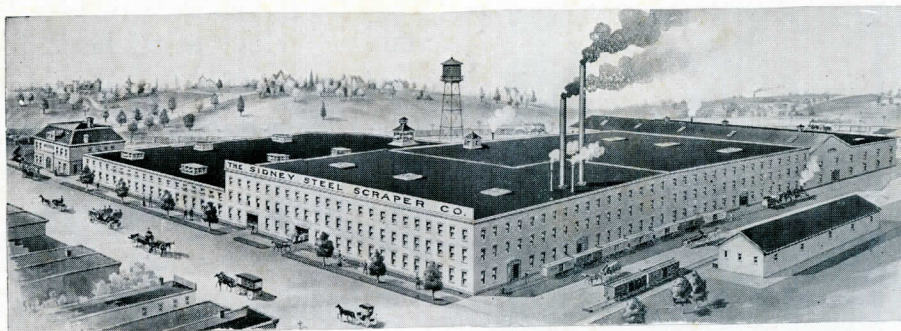
Sincerely,

THE SIDNEY STEEL SCRAPER CO.

Wm. A. Perry President

Established 1880

Incorporated 1902



THE SIDNEY STEEL SCRAPER CO.,

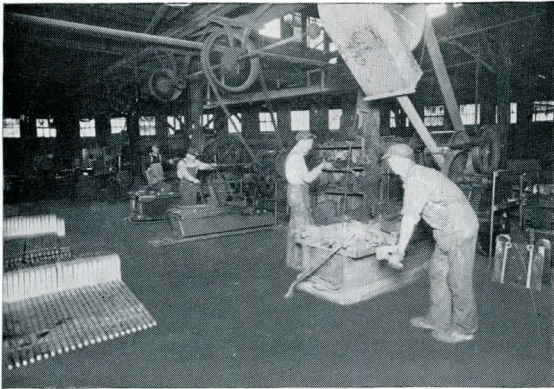
SIDNEY, OHIO, U. S. A.

Cable Address "Haslup Sidney."

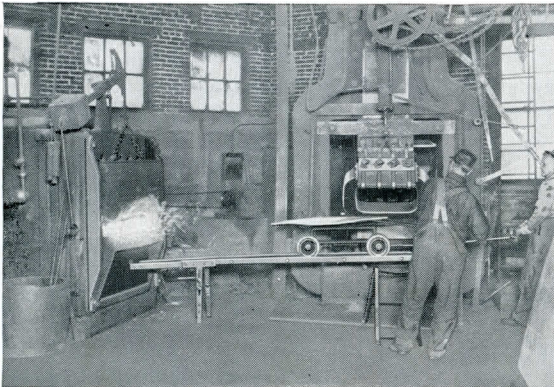
Codes; Western Union and Catalogue.



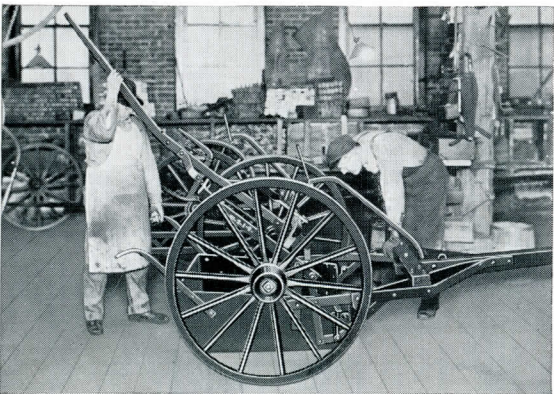
A Quick Trip Through the Sidney Factory



A Battery of Bulldozers.



Stamping Wheelbarrow Trays.



Inspecting Wheeled Scrapers.

ANY ONE interested in the progressive evolution of modern manufacturing methods will find profitable entertainment in a trip through the Sidney plant.

Production methods are apparent everywhere. In all departments machinery has displaced hand methods. System prevails on all sides. And, in every department, a rigid system of inspection is in force as the machines move progressively from raw material to finished product.

An example of the high standards maintained lies in the fact that each shipment of steel is analyzed to assure that it is up to the Sidney standard.

In the forge room a battery of bulldozers has displaced a host of blacksmiths. Hour after hour they turn out parts in a fraction of the time formerly required and with greater uniformity and strength than possible by hand forging.

Wheelbarrow trays are formed at the rate of a few seconds per tray. Punch presses, equipped with multiple



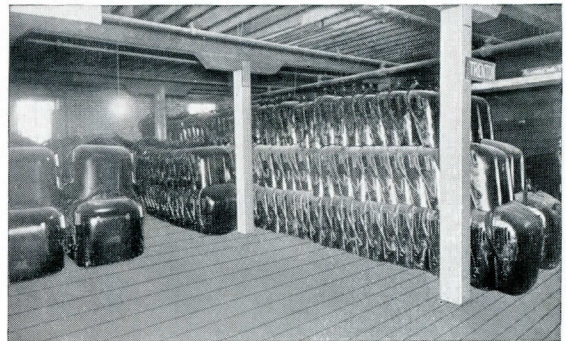
punch heads, punch a series of holes at a single operation. One man, with the aid of compressed air and an ingenious machine, strengthens the tray tops by turning the edge over a reinforcing rod, doing the work neatly and speedily.

In all departments and on every operation production methods have improved the workmanship and simplified assembly by producing uniform and interchangeable parts. The saving in manufacturing cost resulting from better methods enables the Company to use better quality material without increasing the sale cost of the finished product.

As we pass through the warehouse, we see vast quantities of finished scraper and wheelbarrow parts being assembled to meet the demand of the busy shipping department.

One leaves the plant with a solid conviction that no effort is spared to make Sidney products and service as nearly perfect as is humanly possible.

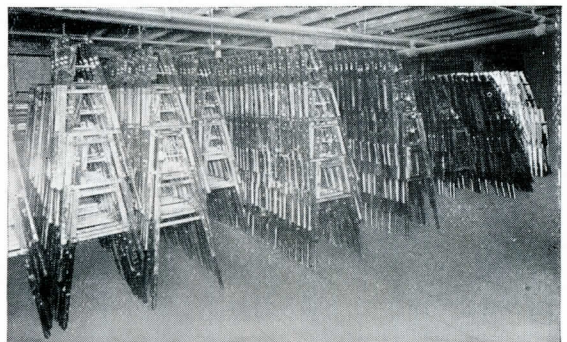
The Sidney Steel Scraper Co.,
SIDNEY, OHIO.
U. S. A.



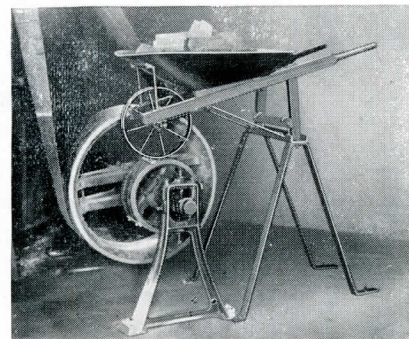
A View in the Scraper Storage.



A Stack of Barrow Wheels.



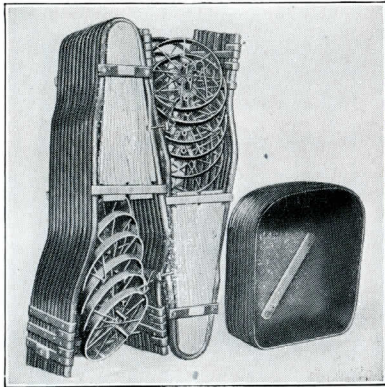
Knocked Down Barrows Ready for Shipment.



One Method of Testing Barrows.



S. S. S. Products Are Used Throughout the World



Showing Method of Packing
Tubular Barrows for Shipment

One after another, the nations of the world are adopting labor saving methods.

Logically they turn to the United States for those products which have had their greatest development here.

The export sale of Sidney products is showing the same healthy growth which their domestic sale has enjoyed.

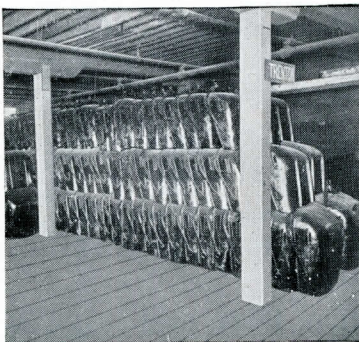
Wherever roads are built, excavations dug or buildings erected, "Sidney" products are helping to expedite the work and reduce the cost.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



"Sidney" All Steel Drag Scrapers

Heavy Duty Type.



**Showing Pile of Drag Scrapers
in Warehouse.**

CONTRACTORS accept the name "Sidney" as a symbol of scraper excellence.

Sidney scrapers have won this universal recognition by reason of superior design, material and construction.

This superiority may not be so obvious on superficial examination, but its real existence becomes convincingly apparent in actual service. Enough users have learned this fact in the many years Sidney products have been on the market to make the name "Sidney" a generally accepted guarantee of quality and Sidney products the accepted standard of comparison.

The bowl is pressed from a heavy plate of high carbon scraper steel with smooth, hard surface, that scours perfectly in any kind of soil.

The Corners - - -

The Corners—The corners, sides and back are formed on a gradual curve, allowing the earth to run back readily, and making the scraper easy to fill to its greatest capacity.

The Sides - - -

The Sides—The sides at the front are not sheared off, as with all other makes of scrapers, but are carried up on a line with the top. This prevents the scraper from spilling dirt on the haul—keeps the runway smooth and avoids the unnecessary wear on the point when returning from the dump.

The Thick Center -

The Thick Center—By a method of stamping exclusively our own the full thickness of steel in our scraper is preserved at the point of greatest wear. Every other make of drag scraper is stretched thin at the center in the process of stamping. The thick center is a distinctive feature of the "Sidney" construction which explains why our scrapers wear longer than any other scraper manufactured.



"Sidney" All Steel Drag Scrapers

The Flange—Our scraper is made of steel as heavy in gauge as that used by any competitor, and has the advantage of a flange projecting around the upper edge of the bowl, which makes it 25 per cent. stiffer than a scraper of the same gauge without flange. Our flange has been imitated by competitors on certain light weight, inferior styles that require a flange to make them stiff enough to be of any service whatever. If the flange is an advantage on a light weight scraper, as our competitors admit by copying the design on their inferior grade, it is of similar advantage on a heavy weight scraper and should likewise be furnished on their better grade. This is not done, however, so ours remain the only high grade full weight, standard quality drag scrapers with flanged top.

The Bail is of solid forged steel, amply strong and durable to withstand the greatest strain.

The Swivel, of heavy forged steel, turns freely in a reinforced socket, thus permitting the scraper to be dumped sidewise if desired.

The Hooks and Handle Sockets are of heavy steel, securely riveted in place.

The Runners, of especially hardened steel are fastened firmly to the scraper with deep countersunk-head rivets.

The Extra Bottom Plate, used on double bottom scrapers, is made of very hard steel, attached solidly to the bottom with countersunk rivets.

The Handles, made of the best quality of hardwood, are tapered to fit rigidly in the sockets.

Briefly, "Sidney" Scrapers Are Superior for the Following Reasons:

- | | |
|---|---|
| 1st. They wear longer because of the "Thick Center." | 4th. They fill easier because the inside lines are mechanically correct. |
| 2nd. They are stronger and more rigid because of the "Flanged Top." | 5th. They enter the ground more readily, because the point is better shaped. |
| 3rd. They have greater carrying capacity, because the back is high and the sides are not unnecessarily sheared away. | 6th. They are lighter draft, because they are so balanced as to ride more steadily and with less friction. |

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



"Haslup" Solid Pressed Steel Drag Scraper

Contractors' Heavy Duty Type.



With Runners

With Double Bottom

Give Code Word When Ordering

No.	Haslup	Capacity	Approximate Weight	Code
No. 1	Without Runners	7 Cubic Feet	94 Pounds	Treasurer
No. 2	" "	5 " "	84 " "	Tripod
No. 3	" "	3½ " "	74 " "	Triumph
No. 1	With Runners	7 Cubic Feet	100 Pounds	Texas
No. 2	" "	5 " "	90 " "	Trenton
No. 3	" "	3½ " "	80 " "	Turkey
No. 1	Double Bottom	7 " "	106 Pounds	Plate
No. 2	" "	5 " "	96 " "	Pack
No. 3	" "	3½ " "	86 " "	Peg

No. 1, the largest size, is used for heavy grading and long hauls.

No. 2 is the best size for general use. It can be used with two horses on heavy work and one horse on lighter work.

No. 3 is adapted for light work of any kind—cutting and cleaning ditches, finishing off high embankments.

When ordering use the code word to distinguish the size and style, or be sure to state whether scrapers are wanted with runners, without runners or with double bottom.

Scrapers with runners will always be shipped unless otherwise ordered.



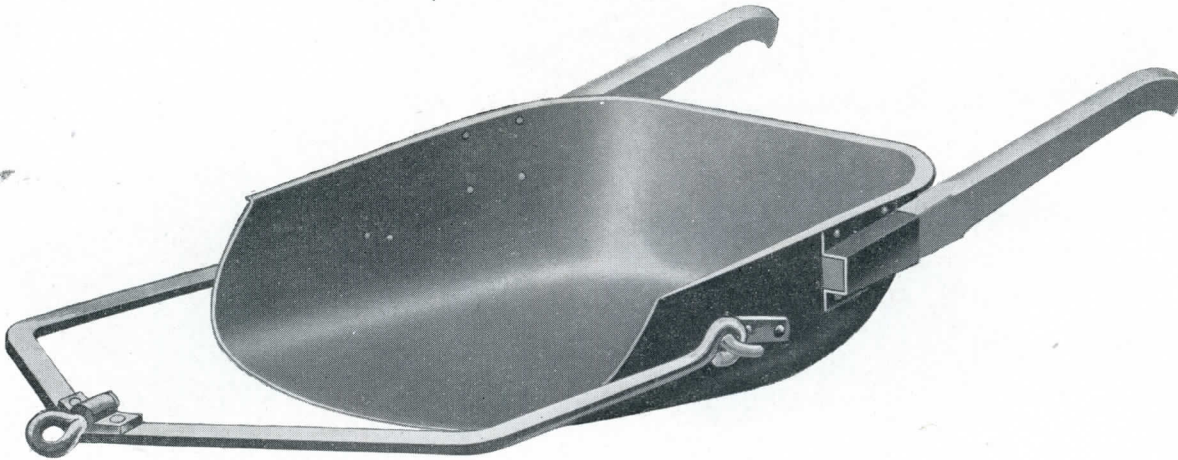
"Haslup" Solid Pressed Steel Drag Scraper

Contractors' Heavy Duty Type.

THE "Haslup" Drag Scraper has a record of forty-five years of satisfactory service. It is so widely known and generally used that it is difficult to find a scraper user who is not familiar with its merits.

The "Haslup" is superior in design, material and workmanship; strong, durable and efficient.

It fills or dumps easily and works to perfection in any kind of soil. The bowl is pressed from a solid plate of high carbon scraper steel, without lap or rivet. It has curved, hardwood handles attached to the sides, heavy steel bail, forged hooks, strong sockets and perfectly-working swivel.



See Specifications on Reverse Side of Sheet.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



"Vulcan" Solid Pressed Steel Drag Scraper

Contractors' Heavy Duty Type.



With Runners

With Double Bottom

Give Code Word When Ordering

No.	Vulcan	Capacity	Approximate Weight	Code
No. 1	Without Runners	7 Cubic Feet	94 Pounds	Magnet
No. 2	" "	5 " "	84 " "	Meion
No. 3	" "	3½ " "	74 " "	Mink
No. 1	With Runners	7 Cubic Feet	100 Pounds	Mortal
No. 2	" "	5 " "	90 " "	Mummy
No. 3	" "	3½ " "	80 " "	Mystic
No. 1	Double Bottom	7 " "	106 Pounds	Mallard
No. 2	" "	5 " "	96 " "	Member
No. 3	" "	3½ " "	86 " "	Miser

No. 1, the largest size, is used for heavy grading and long hauls.

No. 2 is the best size for general use. It can be used with two horses on heavy work and one horse on lighter work.

No. 3 is adapted for light grading of any sort—cutting and cleaning ditches, finishing off high embankments.

When ordering use the code word to distinguish the size and style, or be sure to state whether scrapers are wanted with runners, without runners or with double bottom.

Scrapers with runners will always be shipped unless otherwise ordered.



"Vulcan" Solid Pressed Steel Drag Scraper

Contractors' Heavy Duty Type.

THE "Vulcan" Scraper has the well known general features of Sidney construction. It differs from the "Haslup" scraper in having straight, hardwood handles.

The bowl is stamped from a heavy plate of specially hardened steel, without lap or rivet. It is distinguished also by the "Sidney" flanged

top which greatly stiffens the bowl.

The general shape and proportions make it easy to fill and dump and facilitates filling in any kind of soil.

It has a heavy steel bail, forged hooks, strong sockets and a free working swivel.



See Specifications on Reverse Side of Sheet.

**The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.**



“Dreadnaught” Solid Pressed Steel Drag Scraper

Contractors’ Heavy Duty Type.



With Runners

With Double Bottom

Give Code Word When Ordering

No.	Dreadnaught	Capacity	Approximate Weight	Code
No. 1	Without Runners	7 cubic feet	94 pounds	Ring
No. 2	“ “	5 “ “	84 “	Risk
No. 3	“ “	3½ “ “	74 “	Ruby
No. 1	With Runners	7 cubic feet	100 pounds	Round
No. 2	“ “	5 “ “	90 “	Rack
No. 3	“ “	3½ “ “	80 “	Read
No. 1	Double Bottom	7 cubic feet	106 pounds	Reason
No. 2	“ “	5 “ “	96 “	Ritual
No. 3	“ “	3½ “ “	86 “	Robust

No. 1, the largest size, is used for heavy grading and long hauls.

No. 2 is the best size for general use. It can be used with two horses on heavy work and one horse on lighter work.

No. 3 is adapted for light grading of any sort—cutting and cleaning ditches, finishing off high embankments.

When ordering use the code word to distinguish the size and style, or be sure to state whether scrapers are wanted with runners, without runners, or with double bottom.

Scrapers with runners will always be shipped unless otherwise ordered.



"Dreadnaught" Solid Pressed Steel Drag Scraper

Contractors' Heavy Duty Type.

THE "Dreadnaught" is frequently referred to as the "Contractors' Special", being especially adapted for the severest possible work, where extraordinary strength and rigidity are required to withstand the pull of heavy teams.

It has round handles attached to the top and possesses, in addition to the Flanged Top fea-

ture, Heavy Steel Skates riveted to the tops of the handle sockets. The skates take the wear and can be replaced. The sockets hold the handles and are not subject to wear. The bail, hooks, sockets and swivel are of steel, amply proportioned to withstand the most severe strain.



See Specifications on Reverse Side of Sheet.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



"Capitol" Solid Pressed Steel Drag Scraper



With Runners

With Double Bottom

Give Code Word When Ordering

No.		Capacity	Approximate Weight	Code
No. 1	Without Runners	7 Cubic Feet	95 Pounds	Cage
No. 2	" "	5 " "	85 " "	Clam
No. 3	" "	3½ " "	75 " "	Coon
No. 1	With Runners	7 Cubic Feet	100 Pounds	Czar
No. 2	" "	5 " "	90 " "	Crag
No. 3	" "	3½ " "	80 " "	Coin
No. 1	Double Bottom	7 " "	105 Pounds	Celt
No. 2	" "	5 " "	95 " "	Chef
No. 3	" "	3½ " "	85 " "	Cane

No. 1, the largest size, is used for heavy grading and long hauls.

No. 2, is the best size for general use. It can be used with two horses on heavy work and one horse on lighter work.

No. 3 is adapted for light grading of any sort—cutting and cleaning ditches, finishing off high embankments.

When ordering, use the code word to distinguish the size and style, or be sure to state whether scrapers are wanted with runners, without runners, or with double bottoms.

Scrapers with runners will always be shipped unless otherwise ordered.



"Capitol" Solid Pressed Steel Drag Scraper

Contractors Heavy Duty Type

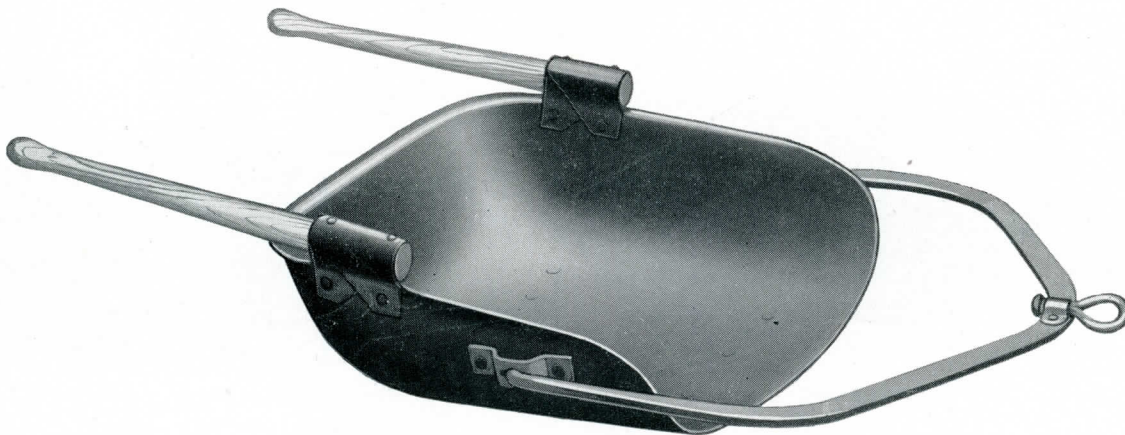
The "Capitol" Scraper is heavily constructed, being designed for continuous, heavy grading.

It has the standard Sidney Flanged Top Bowl, hardwood handles, heavy steel bail, strong sockets and free-working swivel.

The Capitol differs from other Sidney scrap-

ers by having a ball and socket connection between the bowl and the bail in place of the forged hook construction. It is amply strong to withstand any strain to which it might be subjected during the life of the scraper.

Capitol Scrapers conform in every respect to the high Sidney standards.



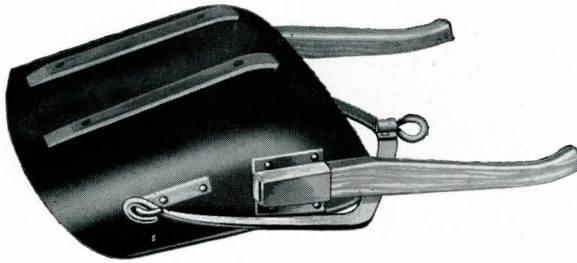
See Specifications On Reverse Side of Sheet

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.

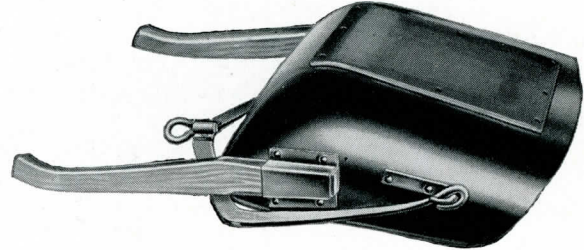


"Groundhog" Solid Pressed Steel Drag Scraper

Agricultural Grade



With Runners



With Double Bottom

Give Code Word When Ordering

		Capacity	Approximate Weight	Code
No. 1	Without Runners	7 cubic feet	80 pounds	Racer
No. 2	" "	5 " "	70 " "	Rafter
No. 3	" "	3 " "	60 " "	Ransom
No. 1	With Runners	7 cubic feet	85 pounds	Ration
No. 2	" "	5 " "	75 " "	Rapid
No. 3	" "	3 " "	65 " "	Ratify
No. 1	Double Bottom	7 cubic feet	95 pounds	Ravine
No. 2	" "	5 " "	80 " "	Razor
No. 3	" "	3 " "	70 " "	Rattle

When ordering use the code word to distinguish the size and style, or be sure to state whether scrapers are wanted with runners, without runners or with double bottoms. Scrapers with runners will always be shipped unless otherwise ordered.



"Groundhog" Solid Pressed Steel Drag Scraper

Agricultural Grade

THE "Groundhog" Scraper meets the requirements of users who do not have heavy and continuous grading work and who want a lighter type of scraper than the Haslup, Vulcan, Dreadnaught or Capitol.

The Groundhog is known in some markets as "Agricultural Grade" because its lighter

weight and lower cost adapt it to the use of farmers and contractors for ditching, leveling, road repairing, and other classes of light grading.

The Groundhog is well made of good material and is, by long odds, the best low priced drag scraper on the market.



See Specifications on Reverse Side of Sheet.

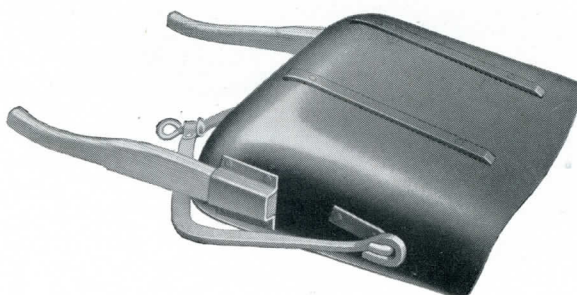
The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



"Gopher" Solid Pressed Steel Drag Scraper



Top View



Bottom View.

Give Code Word When Ordering.

No.		Capacity	Approximate Weight	Code
1	With Runners	7 cu. ft.	81 lbs.	Gay
2	" "	5 " "	71 " "	Gem
3	" "	3½ " "	63 " "	Gib

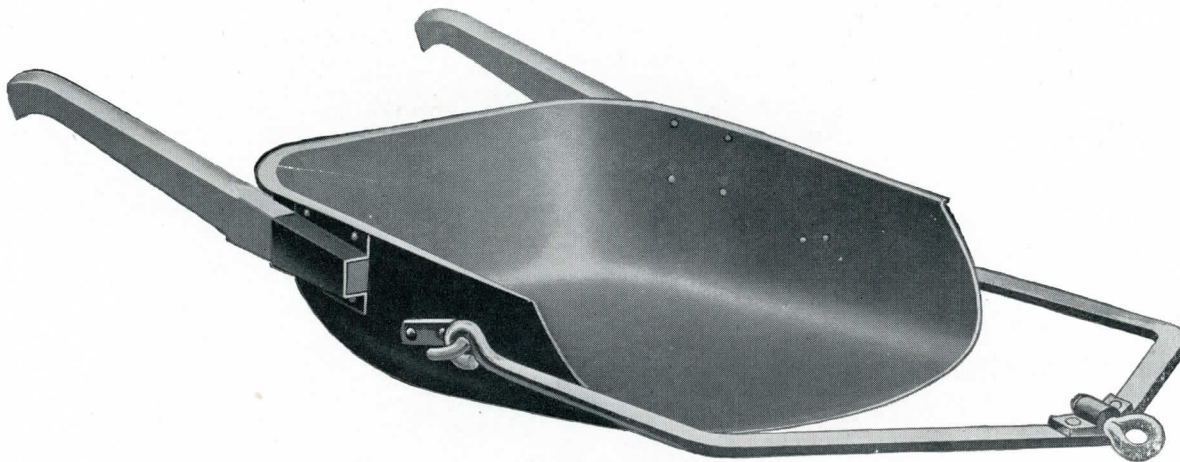


"Gopher" Solid Pressed Steel Drag Scraper

THE Gopher is, in general design and proportions, practically like the Groundhog. It is somewhat lighter than the latter, however, and is recommended for farmers, contractors

and others who have occasional jobs of comparatively light work.

For such service it cannot be equalled and, at the price quoted, greater values cannot be obtained anywhere.



See Specifications on Reverse Side of Sheet.

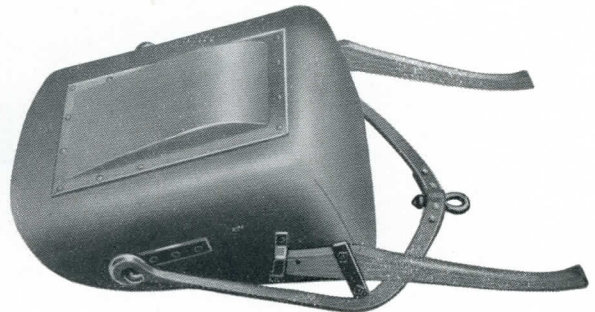
The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



“Great Western” All Steel Drag Scraper



With Runners



With Double Bottom, or Single Runner

Give Code Word When Ordering

No.		Capacity	Approximate Weight	Code
No. 1	With Runners	7 cubic feet	110 pounds	Wound
No. 2	“ “	5 “ “	100 “	Whale
No. 3	“ “	3½ “ “	95 “	Waltz
No. 1	Double Bottom	7 cubic feet	120 pounds	Watch
No. 2	“ “	5 “ “	110 “	Whisk
No. 3	“ “	3½ “ “	105 “	Wrest

When ordering use the code word to distinguish the size and style, or be sure to state whether scrapers are wanted with runners or with double bottoms.

Scrapers with double bottoms will always be shipped unless otherwise ordered.



"Great Western" All Steel Drag Scraper

THE GREAT WESTERN needs no introduction nor recommendation among old-time contractors. This type of scraper has been successfully used by big grading contractors and construction companies for a great many years.

The Great Western is, by long odds, the

strongest and most satisfactory riveted-bowl drag scraper manufactured. It works freely and smoothly in any kind of soil and will do its own plowing when at all possible to dispense with a plow. It fills and dumps easily and keeps the runway smooth because it carries the load without wasting dirt on the haul.

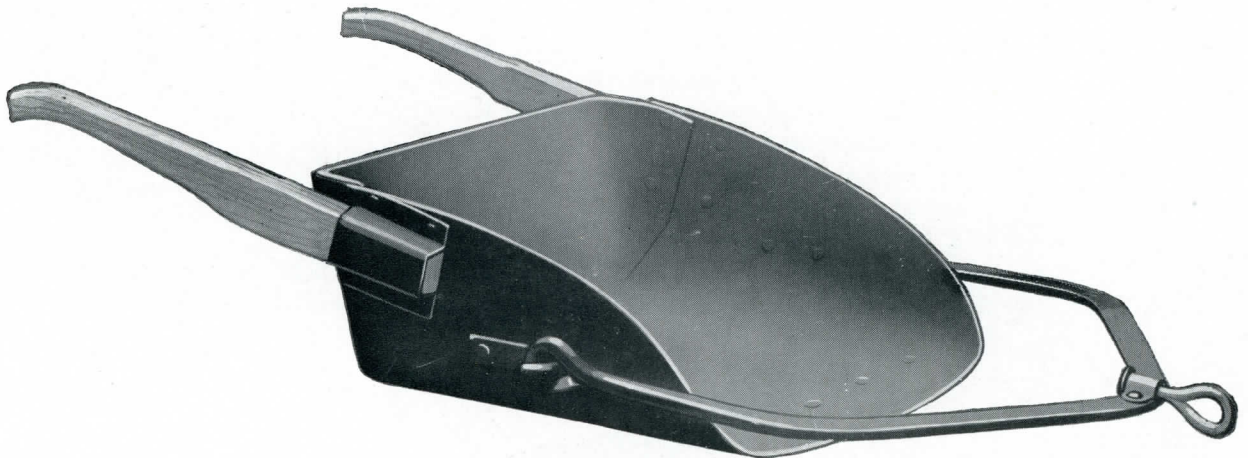


See Specifications on Reverse Side of Sheet.

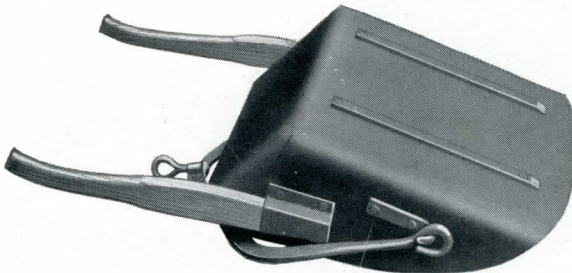
The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



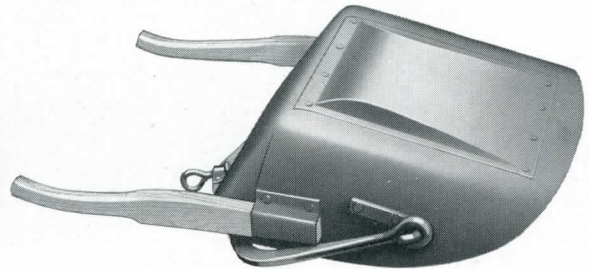
S. S. S. Square Back All Steel Drag Scraper



Without Runners



With Runners



With Double Bottom
Single Runner

Give Code Word When Ordering

No.		Capacity	Approx. Weight	Code
1	Without Runners	7 cubic feet	94 lbs.	Sachem
2	" "	5 cubic feet	84 lbs.	Scarlet
1	Single Runner	7 cubic feet	115 lbs.	Songster
2	" "	5 cubic feet	100 lbs.	Simpson
1	Double Runners	7 cubic feet	100 lbs.	Septum
2	" "	5 cubic feet	90 lbs.	Shekel

When ordering **use the code word** to distinguish the size and style, or be sure to state whether scrapers are wanted with runners, without runners or with double bottom.

Scrapers with runners will always be shipped unless otherwise ordered.



S. S. S. Square Back All Steel Drag Scraper

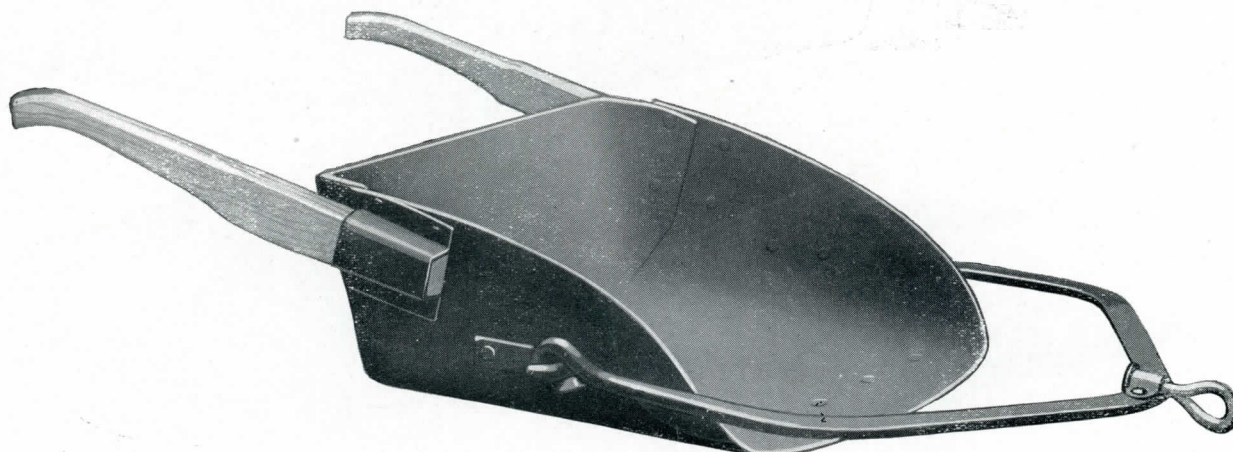
THE Square Back Scraper is made of one piece of High Carbon Special Scraper Steel, bent up in curved lines at the sides and back and securely riveted. Corner laps are so arranged that the bowl is smooth and free from obstruction. It fills and dumps easily and works excellently in any kind of soil. It is equipped with heavy steel bail, hooks, sockets and easy working swivel.

THE BROAD SINGLE RUNNER is pressed

from very hard steel and attached by deep countersunk rivets. Rivet holes are uniformly located so runner can be replaced when worn out, making the scraper good as new.

DOUBLE RUNNERS are extra heavy and are attached by rivets which are countersunk and not subjected to wear.

HANDLES are of best quality hardwood, tapered to fit securely in the sockets.

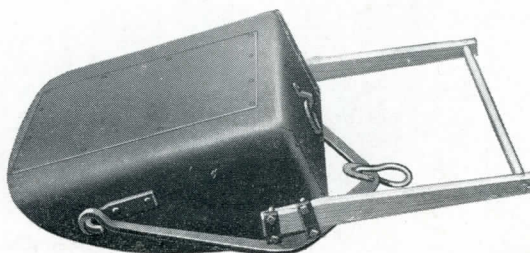
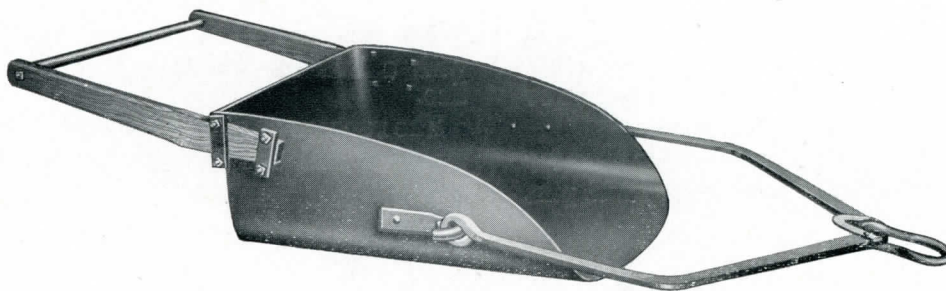


See Specifications on Reverse Side of Sheet.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



S. S. S. Square Back Ox Shovel



Pan Equipped with Link for Drag Line

Give Code Word When Ordering.

No.	Ox Shovel	Capacity	Approximate Weight	Code
No. 0	Without Runners	10 cubic feet	162 pounds	Obese
No. 00	" "	13 " "	200 "	Obvert
No. 000	" "	17 " "	265 "	Occult
No. 0	With Runners	10 cubic feet	180 pounds	Octave
No. 00	" "	13 " "	225 "	Ocular
No. 000	" "	17 " "	290 "	Odeon
No. 0	Double Bottom	10 cubic feet	200 pounds	Olive
No. 00	" "	13 " "	240 "	Opera
No. 000	" "	17 " "	315 "	Oracle

When ordering use the Code Word to distinguish the size, and be sure to state if it is desired to have pan equipped with drag line link.



S. S. S. Square Back Ox Shovel

OX SHOVELS are used on railroad side ditching and other heavy excavating and grading where locomotive, traction engine or steam winch is available for power.

The Ox Shovel is also extensively used for drag line operation in sand and gravel pits.

When ordered for such service, it is equipped with a link for attachment of the return line.

The runners or extra bottom are attached by rivets and can be replaced when worn out.



Comparing the Ox Shovel with a Drag Scraper of ordinary size.

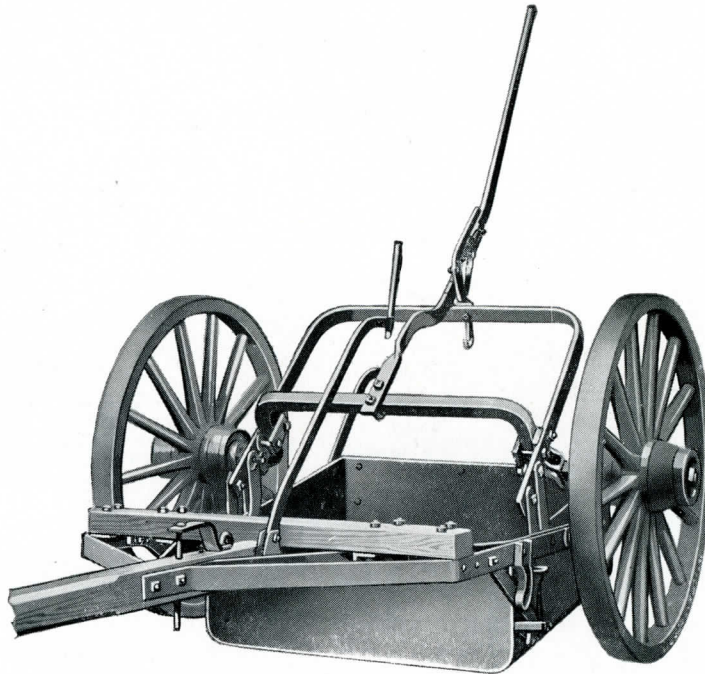
See Specifications on Reverse Side of Sheet.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



The Sidney **Double Strength** Wheeled Scraper

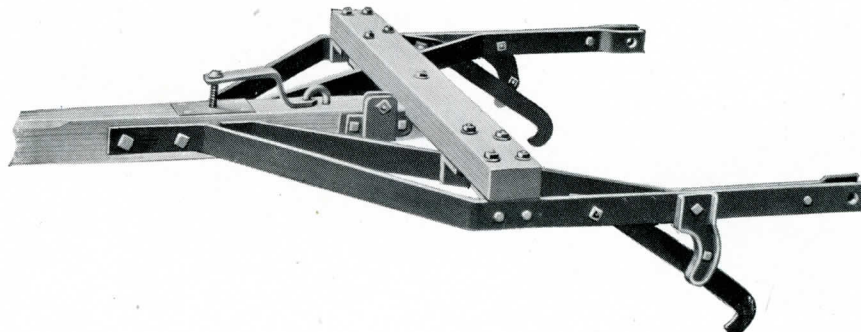
The Perfected Result of Almost Fifty Years of
Scraper Building Experience



CONTRACTORS call it the Double Strength Wheeler because it is built stronger and wears longer than ordinary wheelers of different construction. The truss arrangement of the tongue, hounds and braces effectually prevents sagging and twisting. The action of lever and latch is positive. The pan cannot flip over while being filled and cannot unlatch while on the way to the dump. The working parts are few and simple, made of steel, entirely automatic and free from complication of any kind.

Generally speaking, high quality materials and correct design are features which contribute to the great strength, durability and satisfactory operation of Sidney wheelers.

Within the last three years, improvements have been perfected and thoroughly tested, which justify the use of the term "Snper" wheeler in the full sense of Webster's definition, "An unusually excellent grade or quality". These improvements are separately described on the following pages.

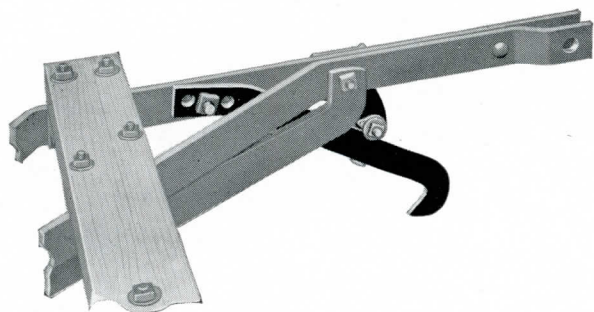


The Tongue.



New Adjustable Hook

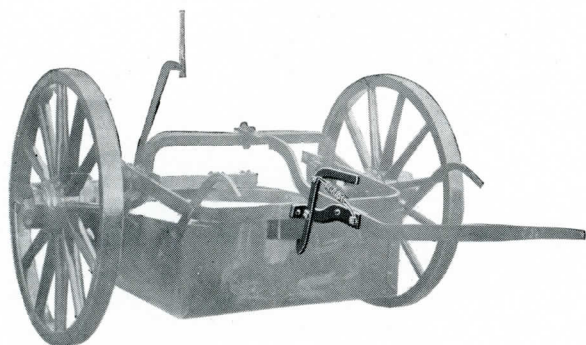
Regular Equipment



Adjustable Hound Hook. Experienced wheel-er users will readily see the value of this im-provement. The length of the hook controls the depth of the cut. By being able to vary the cutting depth to suit the conditions of the work, the contractor can get maximum service from his wheelers. At the various lengths to which the hooks can be adjusted, Sidney wheelers will fill, under ordinary conditions, in 5, 10 or 20 feet. Soil conditions and character of the work to be done will determine which adjustment will be most efficient.

Improved Back Hook with Safety Spring

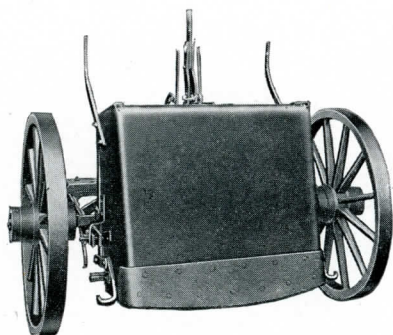
Regular Equipment



Improved Back Hook with Safety Spring. All Sidney wheelers are now equipped with this im-provement. When the man pulls down the long lever, or Johnson bar, to complete the opera-tion of loading, the safety spring snaps the back hook into place instantly and holds it securely until released. The back hook cannot unlatch accidentally, as sometimes happens with wheel-ers that are not equipped with this safety spring.

Bitted Wheelers

Furnished As An Extra



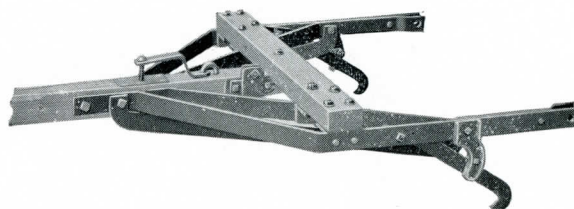
Bitted Wheelers. Wheelers are furnished with extra bits attached when so ordered. The extra bit gives added stiffness to the scraper pan and protects the pan proper from wear. It is not a necessity but is an advantage as it pro-longs the life of the wheeler. All bits are now jig punched, each one being an exact duplica-te of the others, making replacements compara-tively quick and easy. Extra bits can be obtain-ed at any time and can readily be attached to the wheeler by any blacksmith.



New Diagonal Hound Brace

Furnished As An Extra

Diagonal Hound Braces are bolted to the tongue and side irons, running diagonally under the regular braces and effectively preventing sagging of the tongue under the most severe operating conditions. Diagonal hound braces are furnished only on specific order and at additional cost.

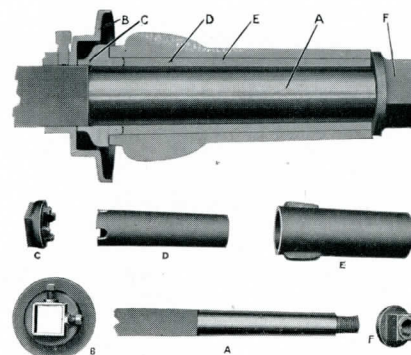


Spindle Sleeve

Furnished As An Extra

Spindle Sleeve. This is an effective device for preventing wear on the axle spindle (A) by transferring it to the sleeve (D), which can be easily and cheaply replaced when worn out.

We furnish these spindles, when so ordered, with Nos. 2, 2½ and 3 wheeled scrapers only. They cannot be used on the No. 1 scraper.



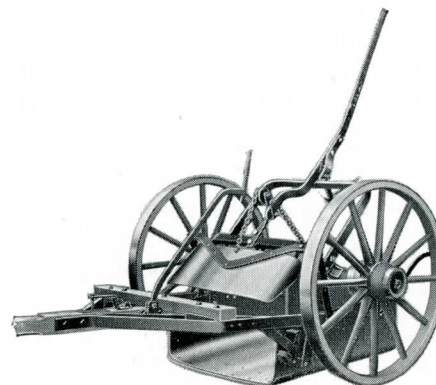
Automatic Endgates

Furnished As An Extra

The Automatic Endgate is a valuable accessory when handling loose or sandy soil on long hauls or down hill. It is simple in construction and its purpose is to close up the front of the pan when the scraper is filled to prevent spilling of the load on the runway. Its action is fully automatic and it does not interfere with loading or dumping.

Endgates are furnished only when specifically ordered. They can also be supplied for attachment to old wheelers.

	Weight	Code
For No. 1 Wheeled Scraper	50 pounds	Earl
For No. 2 " "	60 " "	Echo
For No. 2½ " "	60 " "	Elder
For No. 3 " "	70 " "	Emit





The Sidney Double Strength Wheeled Scraper

Size	Cu. Ft. Ca- pacity	BOWL			WHEELS			Total Weight	CODE WORDS		
		Long	Wide	Deep	Diam.	Tire	Axle		Wood Hub Wheels	Sarven Wheels	Steel Wheels
No. 1	9	35 in.	35 $\frac{3}{4}$ in.	11 $\frac{3}{4}$ in.	36 in.	3x $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	535 lbs.	Ponto	Kali	Zania
No. 2	13	36 in.	38 in.	13 in.	40 in.	3x $\frac{1}{4}$ in.	1 $\frac{3}{4}$ in.	660 lbs.	Plymouth	Keno	Zebra
No. 2 $\frac{1}{2}$	14 $\frac{1}{2}$	40 $\frac{1}{2}$ in.	38 in.	13 in.	42 in.	3x5-16 in.	1 $\frac{3}{4}$ in.	715 lbs.	Pagan	Kith	Zircon
No. 3	17	41 in.	41 in.	15 in.	44 in.	3x5-16 in.	1 $\frac{3}{4}$ in.	800 lbs.	Pyramid	Knob	Zodiac

No. 1 is for Township and Farm Work, trapping and light railroad work.

No. 2 is equally suitable for light or heavy grading, long or short hauls. It is the best size for general use.

No. 2 $\frac{1}{2}$ is for heavy grading or long hauls. This size is designated by some contractors as the high ball wheeler.

No. 3 is the largest wheeler made and is intended for extra heavy work and extra long hauls.

NOTE—Sarven Wheels, Steel Wheels, Extra Bits, Automatic Endgates, Whiffletrees, Neckyokes, Spindle Sleeves are extra and are furnished only when specially ordered.

Give the Code Word When Ordering.

When Ordering Wheelers Be Sure to Indicate the Kind of Wheels Wanted.



Wood Hub Wheel

Sarven Wheel

Steel Wheel

"Sidney" Double Strength Wheelers are regularly mounted on Improved Wood Hub Wheels but can be furnished with Sarven Wheels or Steel Wheels when so ordered, *Wood Hub Wheels always shipped unless otherwise ordered.*

Most contractors prefer wood hub wheels because in case of accident they are more easily repaired by the ordinary blacksmith or wagon-maker.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



Suggestions for Operating Sidney Steel Scrapers

First Thoroughly Plow the Ground

THE GROUND should be thoroughly plowed, leaving no uncut ridges between the furrows. The wheeler to be loaded is driven on to the plowed ground and the man who is to do the filling (the loader) unlatches the pan and elevates the long lever, (Johnson bar) which permits the pan to drop to the ground.

The loader then raises up on the Johnson bar with one hand, lifting the scraper handle slightly with the other hand to tilt the pan so that the forward motion of the team will pull the pan into the ground. The team then completes the loading. The loader can ease the strain when necessary by pulling back on the Johnson bar, which has the effect of decreasing the depth of the cut. The maximum depth of cut is controlled by the set of adjustable hound hooks which automatically engage the hooks on the side of the pan when the wheeler is in filling position.

To Get Maximum Results With Minimum Load on the Horses.

The adjustable hooks (an exclusive feature on Sidney wheelers) enable wheeler users to vary the depth of cut to suit conditions of the work. The hound hooks have a series of three holes in the ends which are attached to the hounds. When the hook is attached through the middle hole, the maximum depth of cut is fixed at a point which experience has proven to be most satisfactory for normal working conditions. Set in this position in ordinary ground, the wheeler will fill in about ten feet forward travel when allowed to suck in to the maximum depth. In sand or loose, light soil, the hooks may be set in the hole farthest from the protruding end. This has the effect of lengthening the hooks and increasing the depth of cut, making it possible to completely fill the scraper in approximately five feet forward travel. When the hook is attached in the hole closest to the protruding end, the depth of cut is decreased, requiring approximately twenty feet travel in order to fill the wheeler without resorting to manipulation of the Johnson bar. This shallow cut adjustment is very valuable to grading contractors for bottoming or finishing to grade.

How Many Scrapers to Use.

When the bowl is filled and while the team is in motion, the loader pulls down on the Johnson bar until the latch at the back of the bowl catches. The team is then turned sharply to the right or left and is driven to the dump. On arriving at the dump, the man employed for that purpose elevates the Johnson bar, or handle, thus depressing the point of the scraper until it catches in the ground. The forward motion of the team completes the dumping. The wheeler is righted to carrying position by slightly backing the team.

The No. 2 wheeler is the size most generally used. Each wheeler requires a team of two horses and, under ordinary conditions, the wheeler team loads the wheeler unassisted, although in very hard ground it is advisable to use a snatch team. In such cases snatch rods can be attached to No. 2 wheelers at slight additional cost. Nos. 2½ and 3 wheelers are regularly equipped with snatch rods.

Keep Bolts Tight and Bearings Well Lubricated.

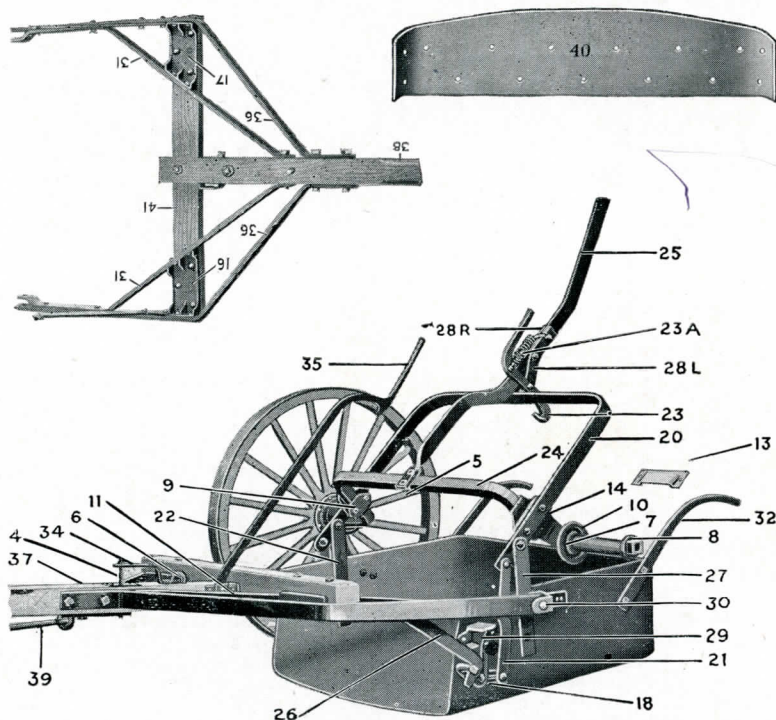
The ordinary practice is to operate wheelers in gangs. The number of wheeled scrapers in a gang depends upon the length of haul to the dump. When a snatch team is used, have just as many wheelers as will keep the snatch team and loader busy. If too many wheelers are used, the teams and drivers are obliged to await their turns and thereby lose time. The number of gangs of wheelers that may be used on a given piece of work depends entirely upon the number of dumping places. The ground should be plowed in strips of not less than the width of the scraper bowl and while the scrapers are filling on one strip the plow man should be plowing another strip. In this way all the teams and men are at work — no one waiting for another. The size of the plow to be used depends upon the nature of the soil.

See that all bolts on the scraper are kept tight and all bearings well lubricated.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO, U. S. A.



Parts For Sidney Wheeled Scrapers



The numbers on the above cuts correspond to the numbers in the parts list on opposite page,

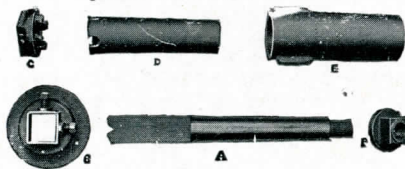


Wood Hub Wheel

Sarven Wheel

Steel Wheel

Spindle Sleeve Special Parts



- B—Special Sand Band
C—Lock Collar
D—Sleeve
E—Special Hub Box (see note)

Wheeled Scraper Wheels

Prices are for Single Wheels, not Pairs

36" Wood Hub Wheel for No. 1 Scraper			
40"	"	"	No. 2 "
42"	"	"	No. 2½ "
44"	"	"	No. 3 "
36" Sarven Wheel for No. 1 Scraper			
40"	"	"	No. 2 "
42"	"	"	No. 2½ "
44"	"	"	No. 3 "
36" Steel Wheel for No. 1 Scraper			
40"	"	"	No. 2 "
42"	"	"	No. 2½ "
44"	"	"	No. 3 "

List No.

- 1—Spring Key for key bolt
- 2—Bail Key Bolt
- 3—Tongue Hound Key Bolt
- 4—Doubletree Pin
- 5—Lifting Lever U Bolt
- 6—Hammer Strap Bolt
- 7—Axle Collar
- 8—Axle Nut
- 9—Axle Clamp
- 10—Sand Band
- 11—Front Hook Socket
- 13—Front and Back Hook Catch
- 14—Axle and Bail Clamp
- 15—Hub Box (see note)
- 16—Left Cross Bar Clamp
- 17—Right Cross Bar Clamp
- 18—Left Mud Hook
- 19—Right Mud Hook
- 20—Scraper Bail
- 21—Mud Hook Link
- 22—Inside Pan Hanger
- 23—Back Hook
- 23A—Back Hook Spring
- 23B—Back Hook Spring Bushing
- 24—Axle
- 25—Lifting Lever
- 26—Draft Hook
- 27—Outside Pan Hanger
- 28R—Lever and Bail Bracket
- 28L—Lever and Bail Bracket
- 29—Mud Hook Bracket
- 30—Tongue Hound Bracket
- 31—Tongue Hound Brace
- 32—Scraper Handle
- 33—Tongue Cap
- 34—Hammer Strap
- 35—Front Hook
- 36—Tongue Hound
- 37—Doubletree Plate
- 33—Tongue (wood part only)
- 39—Snatch Rod
- 40—Point Bit, with rivets
- 41—Wood Cross Bar

No. Wheeled Scraper Pans

1	Pan with riveted attachments
2	" " " "
2½	" " " "
3	" " " "

Wheeled Scraper Bolts

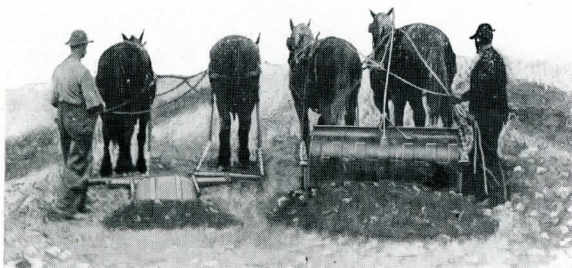
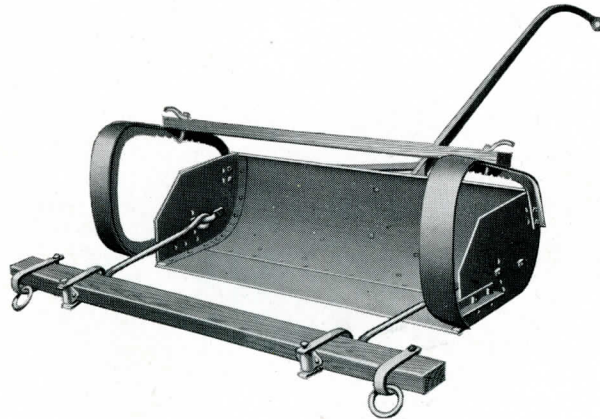
4	½x4 Axle Clamp Bolts
2	½x4½ Front Hook Socket Bolts
1	½x5 Tongue and Cross Bar Bolt
1	½x2½ Back Hook and Lever Bolt
4	½x1½ Handle Bolts
2	½x1½ Mud Hook Link Bolts
3	½x5½ Hound Bolts
1	½x1½ Front Hook Pivot Bolt
6	½x3¼ Cross Bar Clamp Bolts
24	Complete Set

NOTE.—No. 15 is standard hub box used on wheelers without spindle sleeve. E is special hub box used on wheelers with spindle sleeve.—When ordering hub boxes give diameter of wheel, and say whether No. 15 or Pattern E is wanted.—When ordering parts be sure to give the list Number and state the size of the scraper for which the parts are wanted.



The SSS Fresno Scraper

One of the Best and Most Versatile Tools Ever
Designed for Moving Dirt Rapidly
and Economically



This photo graphically compares the load carried by the SSS Fresno with that handled by the largest size standard drag scraper.

THE record of the SSS Fresno Scraper for economy and efficiency is unsurpassed for various work, including road building, railroad grading, irrigation work, ditch and levee construction. Best results are experienced when the haul does not exceed 250 yards.

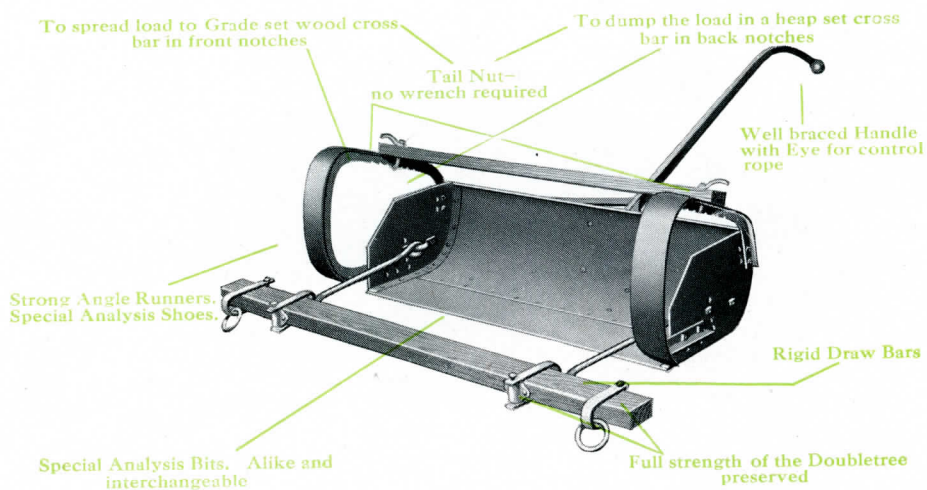
One man with an SSS Fresno can move 150 to 250 cubic yards of earth per day. Examples of the cost of handling earth with Fresno Scrapers are recorded showing results as low as 5 cents per cubic yard on jobs where wages and expenses were high and the working day only eight hours.

Specific advantages of the SSS Fresno include ease of filling and ease of adjustment for various kinds of jobs and working conditions. These features are explained in the following pages.

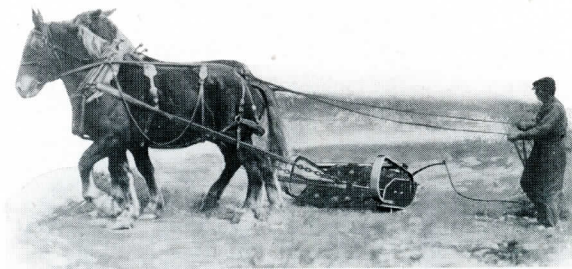
It is ruggedly designed and reinforced at points of greatest strain and wear. SSS Fresno Scrapers give satisfactory results and stand up under hard and continuous service for exceptionally long periods. SSS Fresnos can be profitably included in every grading contractor's equipment.



Adjustments Are Easily Made



To Load, the operator raises up on the long lever, or Johnson bar, until the bit catches the ground. The forward motion of the team completes the loading. A slight downward pressure on the Johnson bar tilts the Fresno back to carrying position.



Hauling to the Dump. When the Fresno is filled the weight of the load and the pull of the team rocks it back so that it rides to the dump on the bottom plate. In loose ground, the Fresno often pushed ahead of it a quantity of dirt equal to the load it carries.



Specifications of S. S. S. Fresno Scrapers

Give Code Word When Ordering.

Made in Five Sizes	Width	Approximate Weight	Code
No. 1—4 horse . . .	5 feet	300 pounds	Fresno
No. 2—2 or 4 horse .	4 feet	270 pounds	Fawn
No. 3—2 horse . . .	3½ feet	250 pounds	Fish
No. 4—2 horse . . .	3 feet	235 pounds	Fowl
No. 5—with bail . . .	2½ feet	190 pounds	Feud

The No. 1, or 5 ft. FRESNO advantageously displaces wheelers in hauls not exceeding 250 to 300 feet. It is adapted for any work where drag scrapers are used.

The No. 2, 4 ft. FRESNO can be handled in light soil with two horses. On heavier work a four horse team is recommended. It is used on the same class of work as the No. 1 in places where the working conditions are especially difficult.

The No. 3, 3½ ft., and No. 4, 3 ft. FRESNOS, can be handled with two horses. These sizes are generally used by small contractors or farmers for cleaning out irrigation or drainage ditches, or on very small earth moving jobs.

(See next page)

The No. 5 FRESNO is 2½ ft. long, and is furnished with a bail similar to that used on a drag scraper. The No. 5 FRESNO can be used on any job suitable to drag scraper operation.



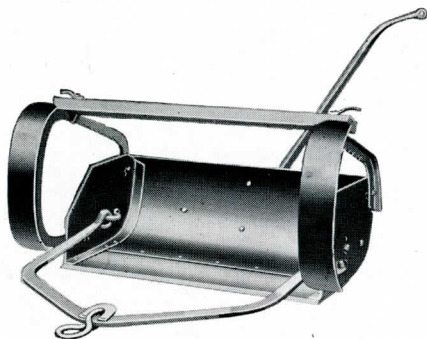
Spreading to Grade. If it is desired to spread the load in a thin layer, attach the wood cross bar in the front notches in the angle runners. A series of notches in the angle runners provide spreading adjustments ranging from one to twelve inches. These adjustments can be quickly made without the use of a wrench. Loosen the two tail nuts, move the cross bar to the desired location and tighten the nuts.



Dumping in a Heap. Attach the wood cross bar in the rear notches in the angle runners. The dumping is accomplished by elevating the Johnson bar until the scraper rocks forward on the broad runner shoes. The team does practically all of the work.



S. S. S. Fresno Scrapers With Bail



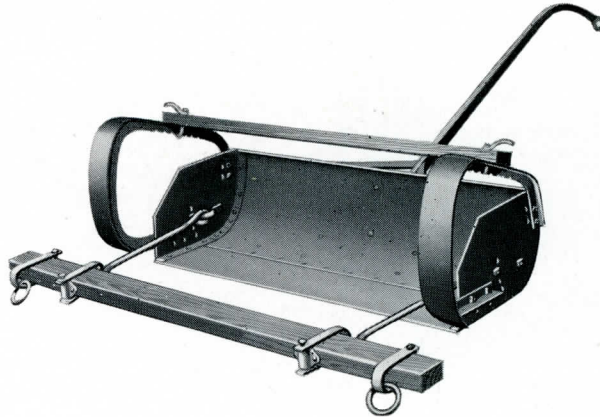
THE NO. 5 FRESNO, is 2½ ft. long and is furnished with a bail similar to that used on a drag scraper. The No. 5 FRESNO can be used on any job suitable to drag scraper operation.

(See specifications on preceding page.)

**The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.**



Suggestions for Operation of SSS Fresno Scrapers



Instructions for Operating Fresno Scrapers.

IN loose soil it is not necessary to plow in advance of the Fresno Scraper, but where the ground is heavy and compact it should be plowed thoroughly, leaving no uncut ridges between the furrows.

The Fresno is loaded by dragging it through the loose ground. The depth of the cut, or suck, is governed by the position of the draw bar hooks. The deepest cut is secured by locating the hooks in the top holes.

The depth of the cut is also regulated by lifting up or bearing down on the lever when the scraper is filling.

When starting to fill the scraper the lever is raised until the bit catches in the ground, then the forward motion of the team completes the loading.

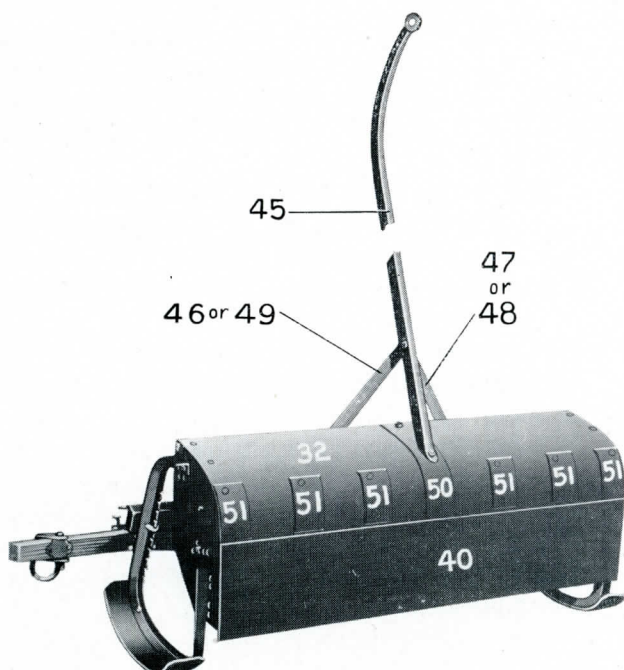
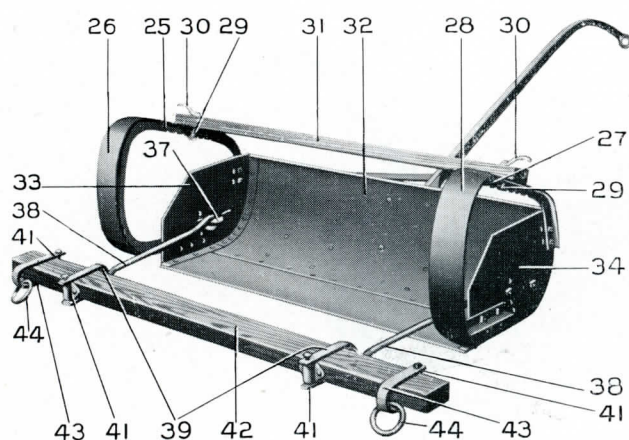
When the scraper is filled the weight of the load and the pull of the team rock it back so it rides to the dump on the bottom runners.

The dumping is accomplished by elevating the lever until the scraper rocks forward on the broad front shoes. If it is desired to dump the load in a heap, attach the cross bar in the rear notches in the angle runner. If it is desired to spread the load in a thin layer, attach the cross bar in the front notches. Various intermediate adjustments are provided for by the series of notches.





Parts List S S S Fresno Scrapers



Part No.	Quantity Required For One Scraper	Description
25	1	Runner Angle, right
26	1	Runner Shoe, right
27	1	Runner Angle, left
28	1	Runner Shoe, left
29	2	Hook Bolt
30	2	Tail Nut
31	1	Wood Cross Bar
32A	1	Back, 5 feet
32B	1	Back, 4 feet
32C	1	Back, 3½ feet
32D	1	Back, 3 feet
32E	1	Back, 2½ feet
33	1	Right End
34	1	Left End
35	1	Right Corner Angle (Dis-continued on 1924 models)
36	1	Left Corner Angle (Dis-continued on 1924 models)
37	2	Draw Bar Hook
38	2	Draw Bar
39	2	Draw Bar Clevis
40A	1	Blade, 5 feet
40B	1	Blade, 4 feet
40C	1	Blade, 3½ feet
40D	1	Blade, 3 feet
40E	1	Blade, 2½ feet
41	4	Clevis Casting
42	1	Wood Doubletree
43	2	Hitch Clevis
44	2	Hitch Ring
45	1	Handle
46	1	Handle Brace, Short (Dis-continued on 1924 models)
47	1	Handle Brace, Long (Dis-continued on 1924 models)
48	1	Handle Brace, Right
49	1	Handle Brace, Left
50	1	Wear Plate, Center
51	*	Wear Plate, Side

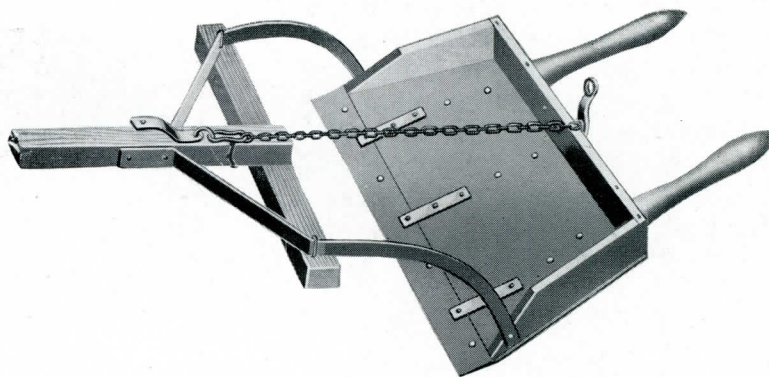
* No. 1 Fresno uses 6 No. 51 Wear Plates
 No. 2 Fresno uses 4 No. 51 Wear Plates
 No. 3 Fresno uses 2 No. 51 Wear Plates
 No. 4 Fresno uses 2 No. 51 Wear Plates
 No. 5 Fresno uses 2 No. 51 Wear Plates

When ordering Bits, Doubletrees or Cross Bars, be sure to give size of scraper for which they are wanted.



Tongue Scraper

For Leveling Roads or Irrigation Fields, Cutting, Cleaning or Filling Ditches.



THIS tool is known to users under the various names of "Tongue Scraper," "Utah," "Mormon," "Chicago." The driver fills and dumps the scraper with ease. No extra man required.

No.	Width	Weight	Code
1	48 in.	135 lbs.	Thomas Tongue Turtle
2	42 in.	120 lbs.	
3	36 in.	115 lbs.	

Give Code Word When Ordering.

S. S. S. Back Filler

For Backfilling Trenches, Cleaning Out Ditches, Leveling Roads or Any Uneven Surface

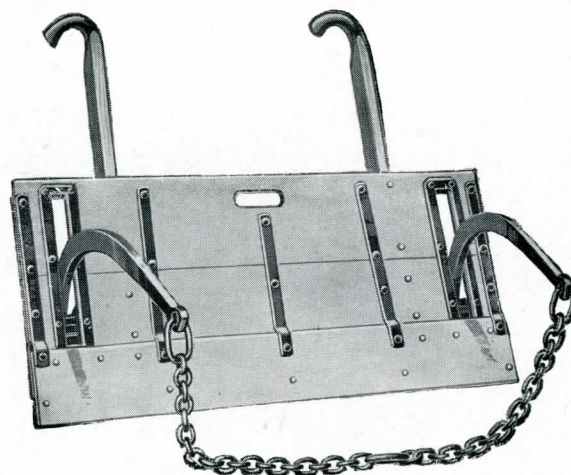
ONE "SSS" backfiller will do as much work in a given time as fifty shovels.

To backfill a trench, a rope or chain about 20 feet long is fastened to the cable chain on the scraper and the team is hitched to the end of the rope. The team works on one side of the trench and the man holding the scraper works on the opposite side.

A strongly built, well balanced, dependable tool.

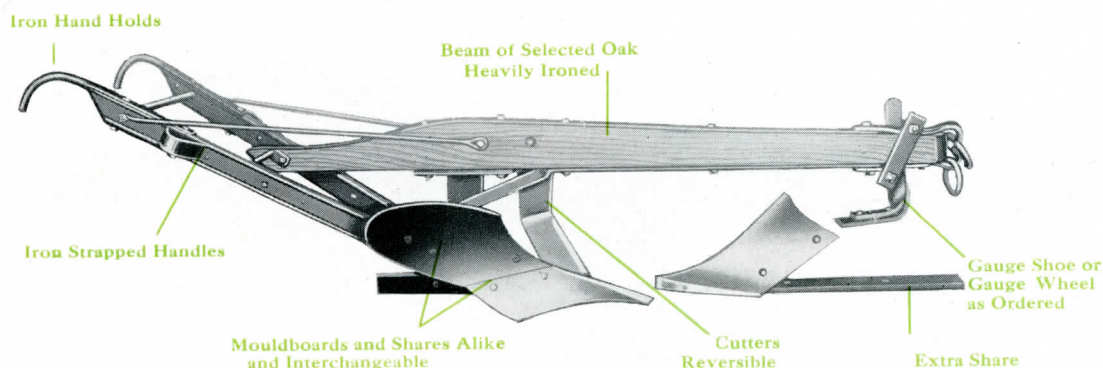
Width 48 inches, Weight 75 lbs., Code—Doan

Give Code Word When Ordering





Grading Plows



THESE Plows are real grading plows and not ordinary agricultural plows, such as some makers recommend for grading work. All sizes cut narrow and deep furrows and all parts are extra heavy and thoroughly braced to withstand great strain without breaking.

Beams are of selected hard wood, heavily ironed.

Mouldboards and Shares are alike and interchangeable, made of the best quality of plow steel and scour freely.

Cutters are reversible and very strong.

Handles are iron-strapped and have iron hand-holds.

Gauge Shoe or Gauge Wheel furnished as customer may select.

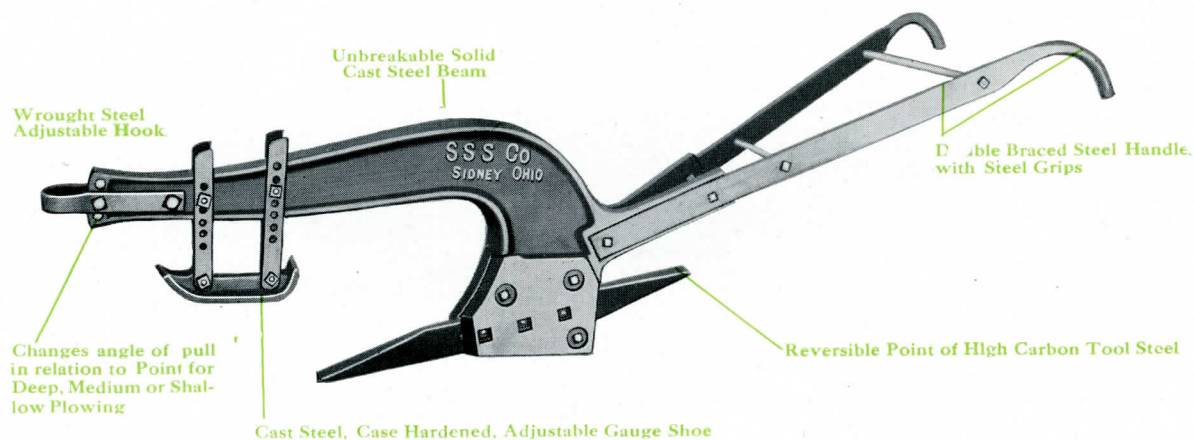
Plows are not shipped with extra share unless so ordered. But we recommend the purchase of an extra share with every plow so the plow need not be idle while share is being sharpened.

Plow Complete						Extra Share		
Sizes	Horses	Beam	Weight	Code Words		Weight	Code Words	
				Right Hand	Left Hand		Right Hand	Left Hand
No. 77	2	7½ feet	125 lbs.	Vanity	Vacate	18 lbs.	Vale	Violet
No. 0	2	6½ "	180 "	Vice	Vamp	28 "	Vary	Verb
No. 1	2 to 4	7 "	210 "	Vapor	Value	28 "	Volley	Vine
No. 5	2 to 4	7½ "	215 "	Vassal	Varix	28 "	Velvet	Vocal
No. 2	4 to 6	7½ "	250 "	Virgil	Vent	30 "	Valise	Vortex
No. 3	6 to 8	8½ "	320 "	Vinton	Vinegar	35 "	Victory	Violence

Give code word when ordering to indicate size and kind. Right hand always shipped unless otherwise ordered.



All Steel Rooter Plow



An Indispensable Tool for Contractors and Road Builders.

THE S. S. S. Rooter is an ideal tool for plowing hard pan, cement, macadam, or any kind of ground that is too hard to be broken up with a regular grading plow. It can be handled with two horses, and is strong enough to stand the pull of twelve horses or a traction engine without breaking.

THE BEAM is made of Solid Cast Steel with a tensile strength of 75,000 pounds to the square inch, as compared with 50,000 pounds for the best malleable beams, and 30,000 pounds for the best cast iron beams.

Every part of this Rooter is made of steel including the handles. The point is reversible, and is made of Tool Steel specially tempered for this particular purpose.

S. S. S. Rooter with Reversible Point, Weight 280 lbs., Code—Viking
Extra Reversible Point Weight 25 lbs., Code—Lance

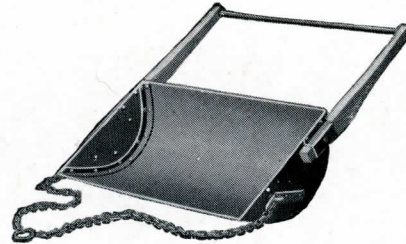
Give Code Word When Ordering.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



Side Scraper

ANY ONE who has to do with the construction, maintenance or repair of open ditches, drains or canals will recognize the merit of this tool at sight. One man can operate either size with ease. It will move twice as much material in a given time as any similar tool, and will pay for itself on a single small job by saving of labor and time. The team is hitched to the chain by a long rope and works back and forth on the bank. The scraper works crosswise of the ditch, and is so shaped that it gets right down into the bottom of the ditch and cleans it thoroughly with one operation.



No. 1—Width 36 inches	Weight 110 pounds	Code—Duty
No. 2—Width 42 inches	Weight 120 pounds	Code—Donor

Give Code Word When Ordering

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.

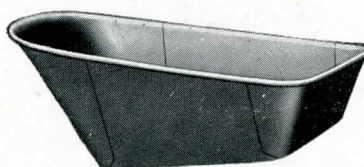
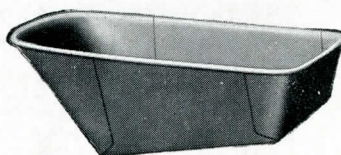
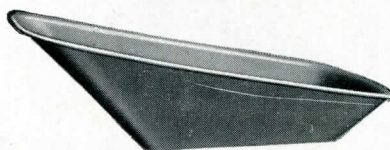


Standardized Wheelbarrow Construction Affords Many Advantages

THE leading lines of Sidney wheelbarrows are now standardized, affording marked advantages to jobbers, dealers and consumers.

These advantages afford greater values, simplification of assembly, less investment in storage space and quicker turn-over through being able to supply any demand immediately,

All Sidney wheelbarrow trays can be used on any of the three

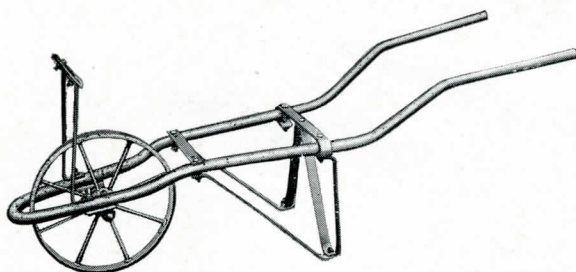


standardized chassis, making a total of forty different barrows.

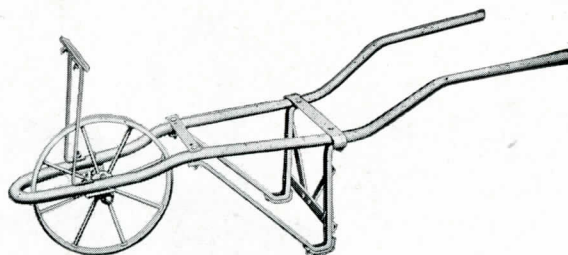
A minimum number of parts are involved, and assembling has been greatly simplified

Among the trays illustrated on this page is one suitable to practically every need, while the three chassis afford an equally wide range of choice.

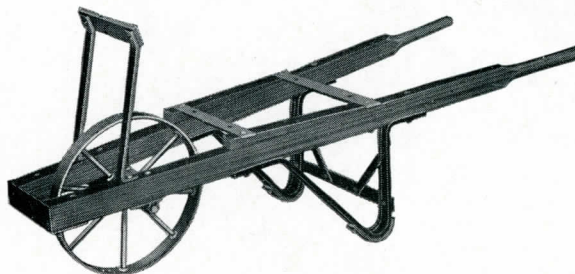
The outstanding feature of the three different chassis are explained on the following pages.



U. S. Standard Tubular
Steel Chassis.



Burro Brand Tubular
Steel Chassis.



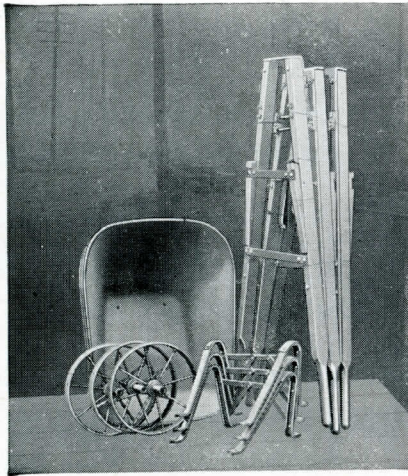
U. S. Standard Wood Frame Chassis.

**Any Tray
Fits Any
Chassis**

**Any Tray
Fits Any
Chassis**



The U. S. Standard Wood Frame Chassis



A Shipment Nest of Wood Frame Barrows.

IN design, quality of material and character of workmanship it is by long odds the best wheelbarrow for both the user and the dealer. From the noseguard to the tip of the handle it represents efficiency.

Dies, jigs and fixtures used in its construction produce a 100% uniform product, and greatly simplify assembly.

A rigid inspection system is almost entirely eliminating faulty material and workmanship.

A staunch wheel and well made tray round out the Sidney into the greatest wheelbarrow value obtainable anywhere.

Simplification is the goal we are trying to reach. By standardization of methods, Sidney parts are made uniform and interchangeable and can be quickly, easily and inexpensively assembled into a finished product, freed from useless expense.

Elimination of waste has made possible this better barrow at competitive prices.

TRAY FRONT STRENGTHENED by Diagonal Braces bolted through steel tray support.

WEDGE SHAPED HARD WOOD RISERS elevate front of tray and keep load from wasting over dash.

RIGID, DURABLE HARDWOOD FRAME. Knocks down compactly. Easily assembled.

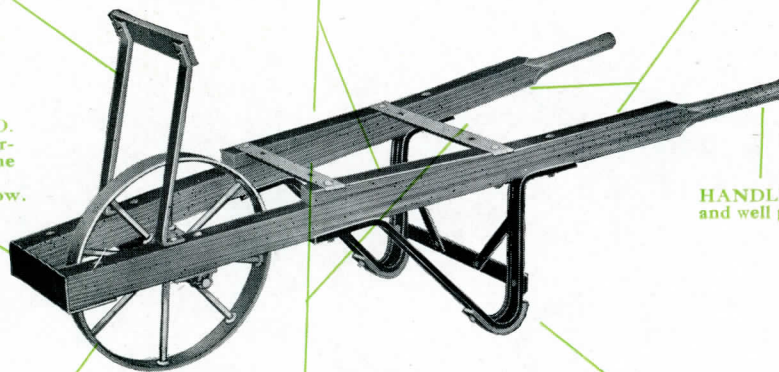
STEEL NOSE GUARD. Gives square rest for forward dump, protects the frame members and strengthens entire barrow.

HANDLES Smoothly Finished and well painted.

EASY RUNNING HEAVY DUTY WHEEL with cast hub and self-oiling bearings.

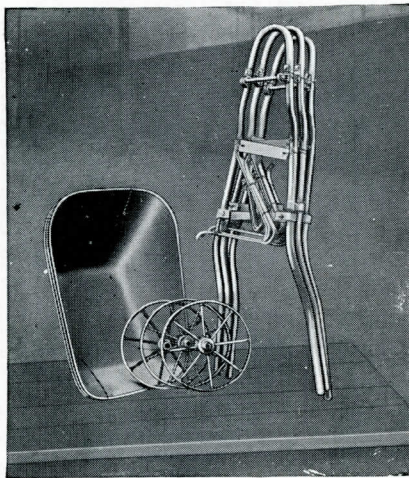
STEEL CROSS STRAPS to which trays are securely bolted

CHANNEL STEEL LEGS with High Carbon Steel Wearing Shoes and Plank Rest. Strongly Braced, horizontally and diagonally





The U. S. Tubular Steel Drop Frame Chassis



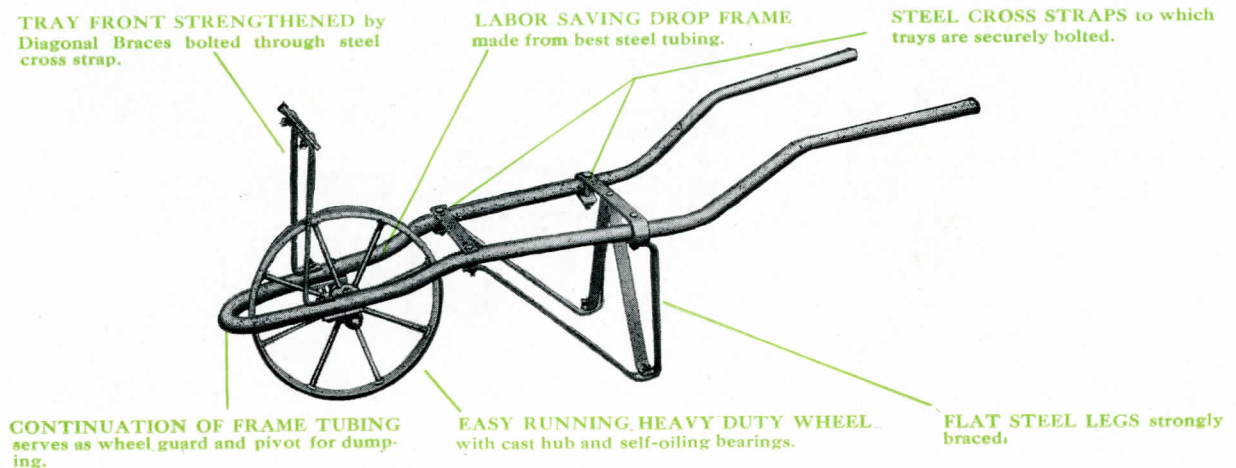
A Shipment Nest of Steel Frame Barrows.

THE frame is of the one piece type, made of a continuous piece of steel tubing of the best quality and extending around in front of the wheel to form a wheel guard and provide a forward dumping rest.

The wheel is the durable Sidney type. Heavy upset spokes are firmly riveted to the tire. The wheel is then set in a chill, a double strength pipe hub inserted and molten metal poured in to join the spokes and the hub in a solid union that is 100% rigid. When so ordered Sidney wheels are furnished with oilless, hardwood bushings.

The spindle is cold rolled steel, $\frac{5}{8}$ " in diameter, and is much stronger than soft steel ordinarily used for this purpose. Its smooth, glazed surface reduces friction and permits the wheel to run easier.

Tubular chassis are made in two types—U. S. Standard and Burro. Both embody the features outlined above and in addition have the drop frame fully described on the following page. The only difference in these two barrows is in the legs. The U. S. Standard has well braced, flat steel legs of the conventional pattern. The Burro has channel steel, truss braced legs similar to those used on the U. S. Standard Wood Frame Barrow.

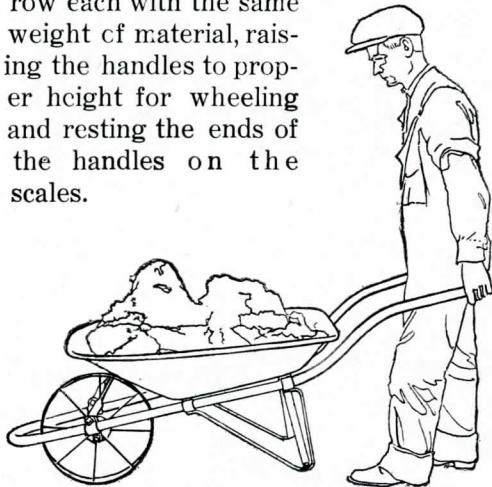




Suggestions For Operating The Tubular Steel Drop Frame Chassis

IN manual labor the amount of work obtained from each workman, in a given time, is in direct ratio to the physical strain under which he works. As fatigue increases, the workman lags and production drops.

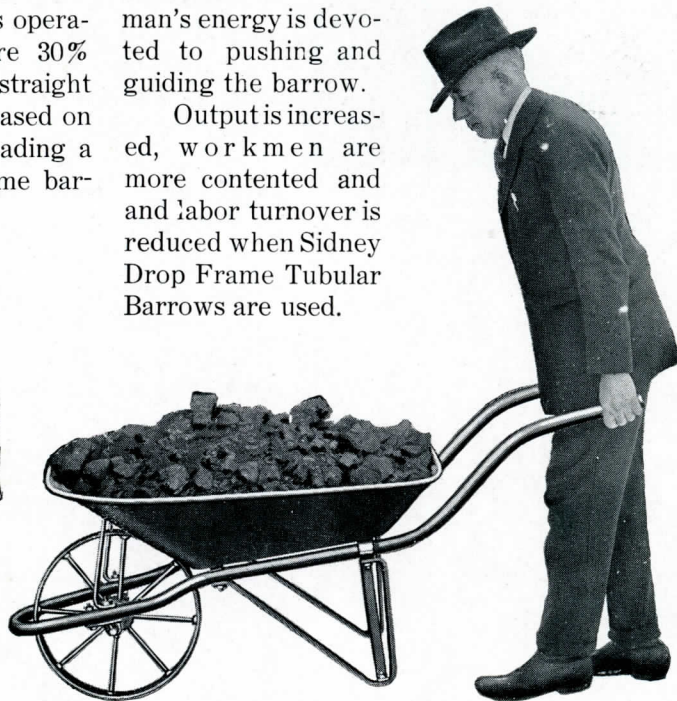
Today employers recognize this unalterable law and, wherever possible, buy equipment so designed as to reduce to a minimum the amount of non-productive effort necessary to its operation. Sidney Drop Frame Barrows are 30% easier to operate than the old style, straight frame tubular barrows. This claim is based on actual tests and can be proven by loading a Drop Frame Barrow and a straight frame barrow each with the same weight of material, raising the handles to proper height for wheeling and resting the ends of the handles on the scales.



Showing the Obsolete Straight Frame Barrow with its Fifty-Fifty Split of the Load Between Man and Load.

An offset in the frame between the front tray bolts and the wheel permits us to locate the tray over the wheel without reducing the clearance between the tray and the wheel, thus transferring approximately one-third of the weight from the workman's arms to the wheel. With this construction the wheel carries the load as intended. The man's energy is devoted to pushing and guiding the barrow.

Output is increased, workmen are more contented and labor turnover is reduced when Sidney Drop Frame Tubular Barrows are used.



The Sidney Labor Saving Drop Frame Tubular Chassis, which Lowers the Man's Load 30%

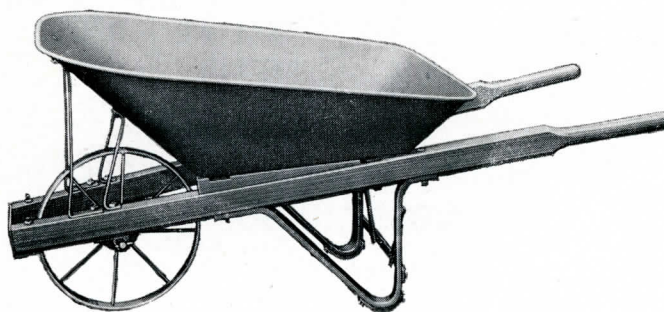


Contractors' Barrows
with U. S. Standard Wood Frame Chassis
Channel Steel Legs and Pressed Steel Trays



Give Code Word When Ordering.

No.	Gauge of Steel in Tray	Length of Tray on Top	Width of Tray on Top	Depth at Wheel on Slant	Depth at Handle on Slant	Capacity	Approx. Weight	Code
						Cu. Ft.	Lbs.	
U. S. 90	16	32 in.	27½ in.	12½ in.	5 in.	3	60	Chap
“ 100	16	37 “	30 “	16½ “	7½ “	4	65	Cab
“ 140	16	40 “	32 “	19 “	7¾ “	6	70	Cube



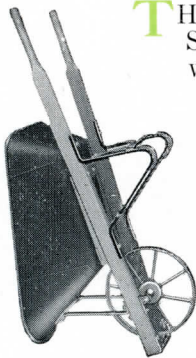
No. 140 Has Double Front Braces



Contractors' Barrows

with U. S Standard Wood Frame Chassis

Channel Steel Legs and Pressed Steel Trays



THIS barrow embodies our U. S. Standard Wood Frame Chassis with Channel Steel Legs.

Hardwood wedge-shaped risers are inserted between the tray and the handles. The risers elevate the front of the tray allowing it to be set farther forward over the wheel, thereby transferring a good portion of the weight from the man's arms to the wheel.

The strong channel steel legs have high carbon steel wearing shoes and a convenient plank rest.

The ease and speed with which these barrows may be assembled is explained elsewhere in Sidney literature.

The tray is stamped, without seam or rivet, from a single piece of steel. The edge is smooth and strong, being neatly turned over a steel rod.

Attention is directed to the steel nose guard which serves as a square dumping rest and also increases the rigidity of the frame.

TRAY FRONT STRENGTHENED by Diagonal Braces bolted through steel tray support.

WEDGE SHAPED HARD WOOD RISERS elevate front of tray and keep load from wasting over dash.

RIGID, DURABLE HARDWOOD FRAME. Knocks down compactly. Easily assembled.

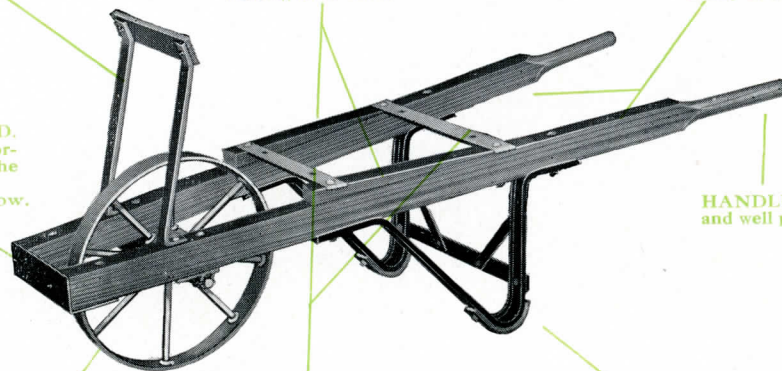
STEEL NOSE GUARD. Gives square rest for forward dump, protects the frame members and strengthens entire barrow.

HANDLES Smoothly Finished and well painted.

EASY RUNNING HEAVY DUTY WHEEL cold rolled axle and self-oiling bearings.

STEEL CROSS STRAPS to which trays are securely bolted

CHANNEL STEEL LEGS with High Carbon Steel Wearing Shoes and Plank Rest. Strongly Braced, horizontally and diagonally



The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



Concrete and Mortar Barrows with U. S. Standard Wood Frame Chassis

Channel Steel Legs and Pressed Steel Trays



No. 444 with
Round Nose
Concrete Tray.

Give Code Word When Ordering

No.	Gauge of Steel in Tray.	Length of Tray on Top	Width of Tray on Top	Depth at Wheel on Slant.	Depth at Handle on Slant.	Capacity Struck Measure.	Capacity Standard Rating	Aprox. Weight	Code
U. S. 444	16	38 in.	25½ in.	20 in.	9½ in.	3¾ cu. ft.	4 cu. ft.	75lbs.	Arctic
U. S. 115	16	33½ in.	26 in.	17 in.	8½ in.	3 cu. ft.	4 cu. ft.	75lbs.	Flag
U. S. 333	16	34½ in.	27 in.	14½ in.	8½ in.	2½ cu. ft.	3 cu. ft.	70lbs.	Puritan



No. 115 with
Deep, Nar-
row Concrete
Tray.



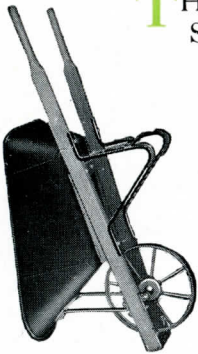
No. 333 with Com-
bination Concrete
and General Pur-
pose Tray.



Concrete and Mortar Barrows

with U. S. Standard Wood Frame Chassis

Channel Steel Legs and Pressed Steel Trays



THESE barrows embody our U. S. Standard Wood Frame Chassis with Channel Steel Legs, equipped with plank rest and carbon steel wearing shoes.

They differ from our other concrete and mortar barrows in having welded steel trays

instead of the stamped type. Trays are securely welded and have smoothly turned, reinforced edges.

Exceptional ease of assembly is a feature.

Attention is called to the angle steel combined dump rest, nose guard and cross tie; the tray braces with cross strap and the strong self-oiling wheel.

TRAY FRONT STRENGTHENED by Diagonal Braces bolted through steel tray support.

WEDGE SHAPED HARD WOOD RISERS elevate front of tray and keep load from wasting over dash.

RIGID, DURABLE HARDWOOD FRAME. Knocks down compactly. Easily assembled.

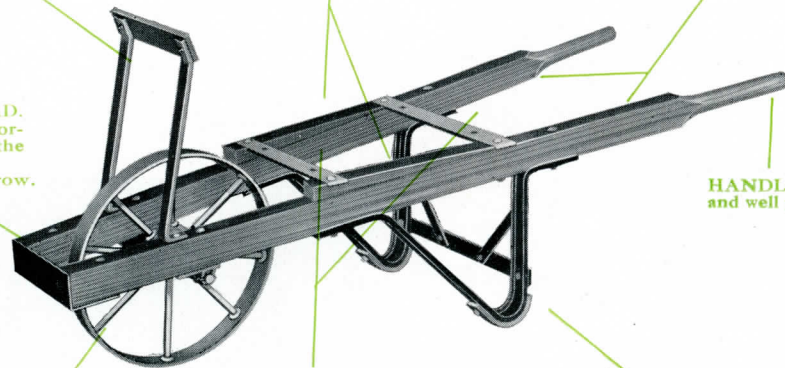
STEEL NOSE GUARD. Gives square rest for forward dump, protects the frame members and strengthens entire barrow.

HANDLES Smoothly Finished and well painted.

EASY RUNNING HEAVY DUTY WHEEL. cold rolled axle and self-oiling bearings.

STEEL CROSS STRAPS to which trays are securely bolted

CHANNEL STEEL LEGS with High Carbon Steel Wearing Shoes and Plank Rest. Strongly Braced, horizontally and diagonally



The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



Concrete and Mortar Barrows

with Burro Brand Tubular Steel Drop Frame Chassis,
Channel Steel Legs and Welded Steel Trays.



No. 505

Give Code Word When Ordering.

No.	Gauge of Steel in Tray.	Length of Tray on Top	Width of Tray on Top	Depth at Wheel on Slant.	Depth at Handle on Slant.	Capacity Struck Measure.	Capacity Standard Rating	Approx. Weight	Code
503	16	34½ in.	27 in.	14½ in.	8½ in.	2½ cu. ft.	3 cu. ft.	72 lbs.	Prosper
504	16	38 in.	25 in.	20 in.	9½ in.	3¼ cu. ft.	4 cu. ft.	78 lbs.	Argo
505	16	33½ in.	26 in.	17 in.	8½ in.	3 cu. ft.	4 cu. ft.	74 lbs.	Faith



No. 503



No. 504



Concrete and Mortar Barrows

with Burro Brand Tubular Steel Drop Frame Chassis,
Channel Steel Legs and **Welded Steel Trays**.

THESE barrows embody our Burro Brand Tubular Steel Drop Frame Chassis.

The heavy channel steel legs, with high carbon steel wearing shoes, will withstand the extra severe service to which this type of barrow is subjected and render an exceptionally long term of service.

The strongly riveted diagonal braces greatly

strengthen the legs and the plank rest is a convenience.

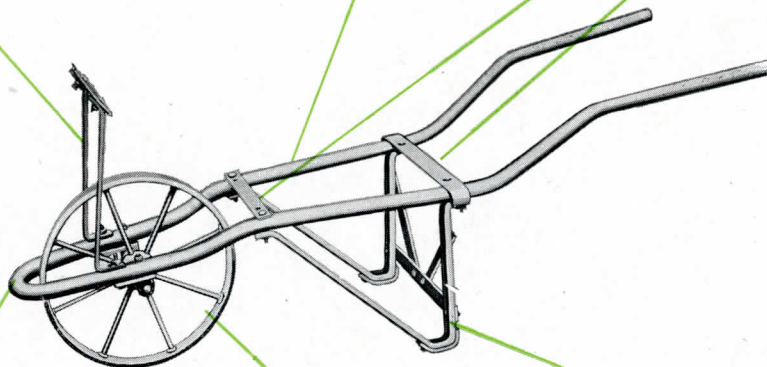
The tray, as on all our barrows, is made from steel of special quality. It is neatly formed and securely welded. The smooth top rim is turned over a rod, which materially strengthens the tray.

No better concrete or mortar barrow was ever made, regardless of price.

TRAY FRONT STRENGTHENED
by diagonal braces bolted through steel
cross strap.

LABOR SAVING DROP FRAME—
made from best steel tubing.

STEEL CROSS STAYS, to which trays
are securely bolted.



CONTINUATION OF FRAME TUB-
ING serves as wheel guard and pivot
for dumping.

EASY RUNNING. HEAVY DUTY
WHEEL has cast hub and self-oiling
bearings.

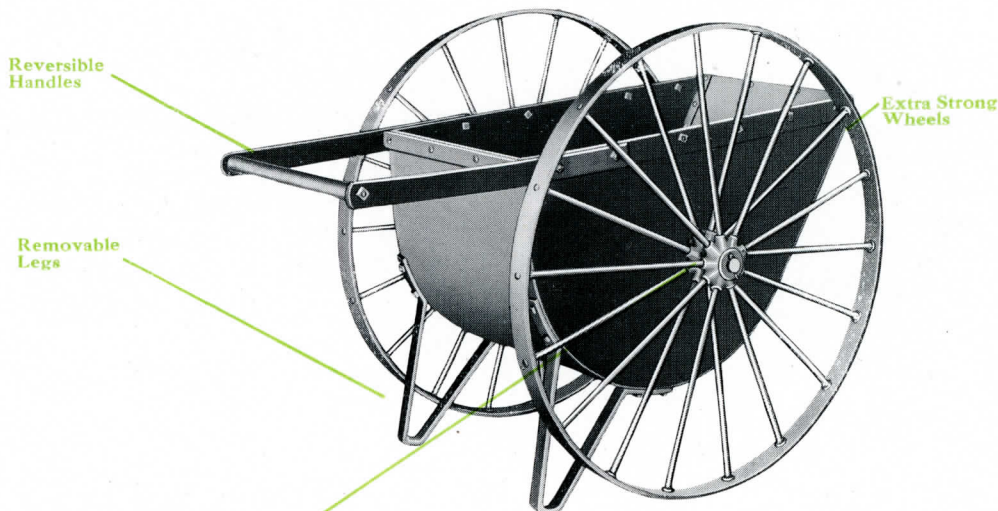
CHANNEL STEEL LEGS, with Plank
Rest, High Carbon Steel Wearing Shoes
and Strongly Braced horizontally and
diagonally.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO
U. S. A.

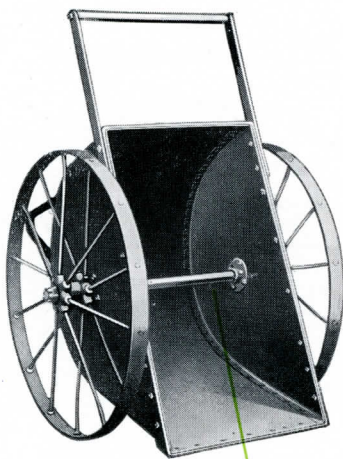


Concrete Cart

With **Roller Bearings** and **Reversible Handles**.



Roller Bearings, packed in Grease and fitted with Felt Grease Retainers



Strong Shaft carried in Heavy Flanges

THIS cart is built to withstand severe usage and give maximum service and satisfaction.

It holds six cubic feet when filled to within four inches of the top. A full six foot batch of semi-liquid material can therefore be handled in this cart without slopping.

Straight, full length axle prevents sagging and misalignment of the wheels.

Roller Bearings, packed in grease, with felt retainers, make it easy running.

Proper Balance relieves the workman of excessive strain.

Curved Bottom insures quick and clean discharge.

Reversible Handles and Removable Legs permit the body to be turned completely over when laying floor or pavement.

Narrow Overall Width—only 35 inches—allows two carts to stand side by side on the ordinary building construction elevator.

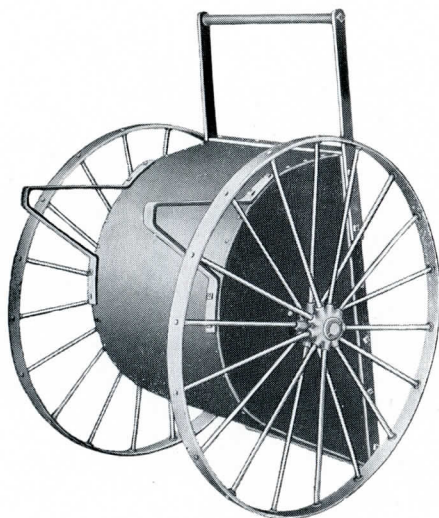


Concrete Cart

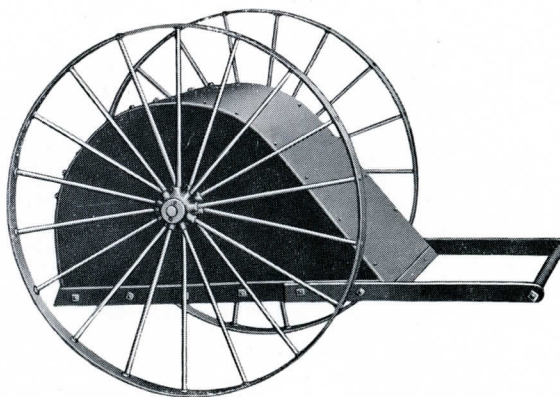
With **Roller Bearings** and **Reversible Handles**.

SPECIFICATIONS

Roller bearings	
Staggered Spoke Wheels	
Length of body	39½ in.
Width over all	35 in.
Axle	1¼ in. round
Capacity	6 cu. ft.
With Wheels 42 in. x 2" tires, weight	270 pounds
Code, Max.	
With Wheels 36 in. x 2" tires, weight	260 pounds
Code, Mum.	



The Body is designed with proper slope
for quick and clean discharge
of concrete.



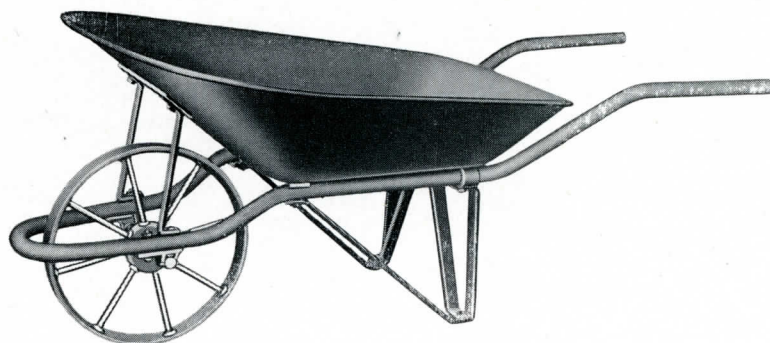
Showing Cart with handles reversed to
permit body to be turned com-
pletely over.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



U.S. Standard Tubular Steel Drop Frame Chassis Barrows

With Flat Steel Legs and Pressed Steel Trays.



Give Code Word When Ordering.

No.	Capacity	Gauge of Steel in Tray	Length of Tray on Top	Width of Tray on Top	Depth at Wheel.	Depth at Handle	Greatest Height.	Weight.	Code
X-A	3 cu. ft.	18	32 in.	27½ in.	6¾ in.	4 in.	20 in.	60 lbs.	Adept
A-4	3 "	16	32 in.	27½ in.	6¾ in.	4 in.	20 in.	65 lbs.	Anna
A-5	3 "	14	32 in.	27½ in.	6¾ in.	4 in.	20 in.	70 lbs.	Alamo
A-6	3 "	12	32 in.	27½ in.	6¾ in.	4 in.	20 in.	75 lbs.	Arch
B-4	4 cu. ft.	16	37 in.	30 in.	8½ in.	5½ in.	21½ in.	70 lbs.	Ball
B-5	4 "	14	37 in.	30 in.	8½ in.	5½ in.	21½ in.	75 lbs.	Briggs
B-6	4 "	12	37 in.	30 in.	8½ in.	5½ in.	21½ in.	85 lbs.	Bath
No. 12	6 cu. ft.	16	40 in.	32 in.	11 in.	6¾ in.	23 in.	80 lbs.	Willing
No. 10	6 "	14	40 in.	32 in.	11 in.	6¾ in.	23 in.	85 lbs.	Ward



Illustrating Nos. 10 and 12 with Double Braces.



U.S. Standard Tubular Steel Drop Frame Chassis Barrows

With **Flat Steel Legs** and **Pressed Steel Trays**

THIS barrow incorporates our labor-saving, standard Tubular Steel Chassis, with strongly braced, Flat Steel Legs.

A stronger, more durable barrow at the price is not available and none may be more easily or more quickly assembled.

The tray is smoothly stamped, without seams or laps. The top is rolled over a steel rod, which makes the tray very rigid and the edge

smooth. The legs and braces are heavy bar steel. The wheels are self-oiling and light running. The tray strap, joining the upper ends of the tray braces, extends across the front of the tray and prevents sagging under heavy loads.

Barrows Nos. 10 and 12 each have two pairs of front tray braces.

TRAY FRONT STRENGTHENED by Diagonal Braces bolted through steel cross strap.

LABOR SAVING DROP FRAME made from best steel tubing.

STEEL CROSS STRAPS to which trays are securely bolted.



CONTINUATION OF FRAME TUBING serves as wheel guard and pivot for dumping.

EASY RUNNING HEAVY DUTY WHEEL cold rolled axle and self-oiling bearings.

FLAT STEEL LEGS strongly braced.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



"Burro Brand" Barrows

With Tubular Steel Drop Frame Chassis

With **Channel Steel Legs** and **Pressed Steel Trays.**



Give Code Word When Ordering.

	No.	Capacity Cub.Ft.	Gauge of Steel in Tray	Length of Tray On Top	Width of Tray On Top	Vertical Depth at Wheel	Depth at Handle	Greatest Height	Weight	Code
Burro	X-A	3	18	32 in.	27 $\frac{1}{2}$ in.	6 $\frac{3}{4}$ in.	4 in.	20 in.	60 lbs.	Eagle
Burro	A-4	3	16	32 in.	27 $\frac{1}{2}$ in.	6 $\frac{3}{4}$ in.	4 in.	20 in.	65 lbs.	Extol
Burro	A-5	3	14	32 in.	27 $\frac{1}{2}$ in.	6 $\frac{3}{4}$ in.	4 in.	20 in.	75 lbs.	Edify
Burro	A-6	3	12	32 in.	27 $\frac{1}{2}$ in.	6 $\frac{3}{4}$ in.	4 in.	20 in.	80 lbs.	Eland
Burro	B-4	4	16	37 in.	30 in.	8 $\frac{1}{2}$ in.	5 $\frac{1}{2}$ in.	21 $\frac{1}{2}$ in.	70 lbs.	Embed
Burro	B-5	4	14	37 in.	30 in.	8 $\frac{1}{2}$ in.	5 $\frac{1}{2}$ in.	21 $\frac{1}{2}$ in.	80 lbs.	Enact
Burro	B-6	4	12	37 in.	30 in.	8 $\frac{1}{2}$ in.	5 $\frac{1}{2}$ in.	21 $\frac{1}{2}$ in.	90 lbs.	Endow
Burro	No. 12	6	16	40 in.	32 in.	11 in.	6 $\frac{3}{4}$ in.	23 in.	90 lbs.	Ephod
Burro	No. 10	6	14	40 in.	32 in.	11 in.	6 $\frac{3}{4}$ in.	23 in.	95 lbs.	Evade



Illustrating Nos. 10 and 12
with Double Braces.



"Burro Brand" Barrows

with Tubular Steel Drop Frame Chassis,

With Channel Steel Legs and Pressed Steel Trays.

THE Burro Barrow has our tubular drop frame, labor saving chassis, with channel steel legs. The latter are strongly built, with riveted diagonal braces. The legs are shipped nested and are attached to the frame by four bolts, making the Burro a very easy barrow to assemble.

Attention is directed to the plank rest which ties the two legs together. This is a valuable feature for some classes of work where it becomes desirable for workmen to rest the load

temporarily while going up runways or scaffolds.

The strong tray is made from one piece of steel, having a smooth top which is turned over a steel rod.

The Burro is an old established barrow, well known to the trade everywhere. About six years ago, samples of the Burro Barrow were submitted to one of the large foundries where hundreds of barrows are in constant use. The Burro stood the test as no other barrow and is now their standard equipment.

TRAY FRONT STRENGTHENED by diagonal braces bolted through steel cross strap.

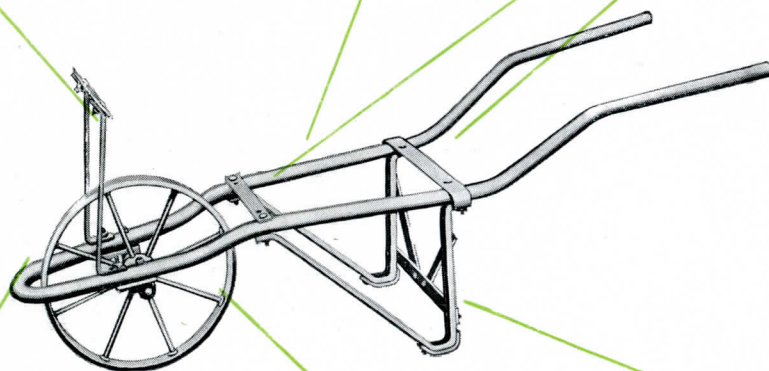
LABOR SAVING DROP FRAME—made from best steel tubing.

STEEL CROSS STAYS, to which trays are securely bolted.

CONTINUATION OF FRAME TUBING serves as wheel guard and pivot for dumping.

EASY RUNNING, HEAVY DUTY WHEEL has cast hub and self-oiling bearings.

CHANNEL STEEL LEGS, with Plank Rest, High Carbon Steel Wearing Shoes and Strongly Braced horizontally and diagonally.



The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



Long Nose Coal Barrows



No. 77, With Burro Brand Tubular Steel Drop Frame Chassis and Channel Steel Legs.

THIS barrow exactly meets the needs for which it is designed. It has been manufactured for several years and only favorable comment has been heard.

The narrow tray with long, spout shaped nose makes this an ideal barrow for handling coal from wagon to bin. It dumps easily through the ordinary cellar window and passes readily through narrow doorways.

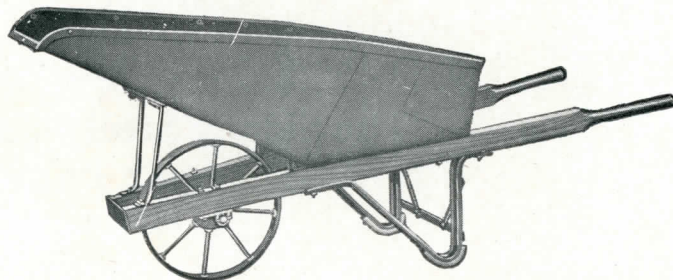
L. N. No. 77 Barrow embodies our Burro Brand Tubular Steel Drop Frame Chassis, which is an acknowledged labor saver and therefore an output increaser.

L. N. No. 66 Barrow has our U. S. Standard Wood Frame Chassis.

L. N. No. 77 Steel Frame; Capacity 450 lbs. Coal; Weight 110 lbs. Code—"Stork."

L. N. No. 66 Wood Frame; Capacity 450 lbs. Coal; Weight 100 lbs. Code—"Dove."

Give Code Word When Ordering.



No. 66 With U. S. Standard Wood Frame Chassis and Channel Steel Legs.



Fig. Q Square Tray Coal Barrow

With Burro Brand Drop Frame Tubular Steel Chassis.

THIS barrow is particularly adapted for handling coal, ashes, etc. It dumps over the wheel without running back on the operator.

The tray is evenly balanced and well braced. It is neatly shaped from 12 gauge steel, spot welded and reinforced with a heavy iron band running around the top. This gives a smooth finish and prevents the tray from losing its shape.

Dimensions of Tray, 36 inches wide; 45½ inches long, depth on slant at wheel end 24 inches; depth on slant at handle end 12 inches.

**Fig. Q—Capacity 4½ bu. Weight 155 lbs. Code—Quarter
Give Code Word When Ordering.**



**The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.**



Square Tray Two-Wheel Barrow

For Machine Shops, Foundries, Coal Yards, Furnace Rooms.



FIG. H Barrows were especially designed for handling castings and other heavy material around machine shops and foundries but are equally suitable for handling coal, coke, ashes, etc.

These barrows are exceptionally strong but so balanced that practically the entire load is carried on the axle. They are light running and dump over the end without running back on the operator.

The tray is made of No. 12 gauge steel, spot welded, with a heavy band riveted around the top, insuring great strength and rigidity.

Dimensions of Tray: 36 in. wide; 45½ in. long; depth on slant at wheel end 24 in.; depth on slant at handle end 12 in.

H-A has Tubular Steel Handles. Shipping Weight 190 lbs. Code—HURON
H-B has Metal Tipped Wood Handles. Shipping Weight 180 lbs..

Code—HINDU

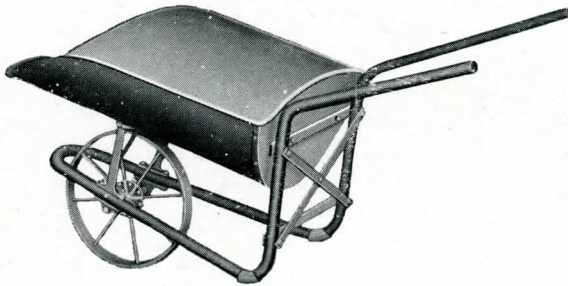
Give Code Word When Ordering.





No. 88 Charging Barrow

For Handling Concrete and Sand.



THE WHEEL is strong, durable, light running and so located that it takes the weight of the load off the man. The wheel carries the load.

Used by the concrete worker for charging the mixer. Used by the foundry man for handling sand.

C. B. No. 88, Capacity Heaped, $3\frac{1}{2}$ cu. ft. Level, 3 cu. ft.
Weight, 70 lbs, Code—DUCK

Improved Pig Metal Barrow

with **Tubular Steel Drop Frame Chassis** and **Extra Heavy Wheel**.



A BARROW designed with due regard to the exceptionally hard service it must withstand.

Bottom and Dash made of a single piece of No. 7 gauge steel.

Embodies our Tubular Steel Drop Frame Chassis, which carries a majority of the load over the axle, and has Channel Steel Legs with Carbon Steel Wearing Shoes.

Extra braces of steel are riveted full length on each side of bottom and dash.

Bottom: 18 inches long; 23 inches wide.

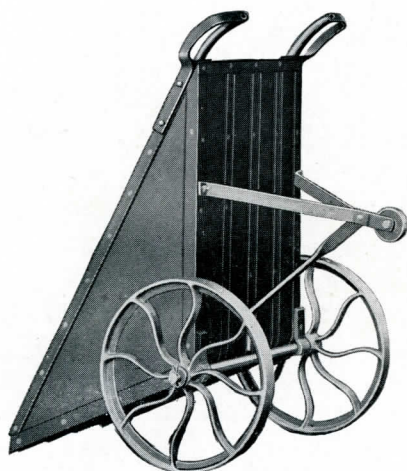
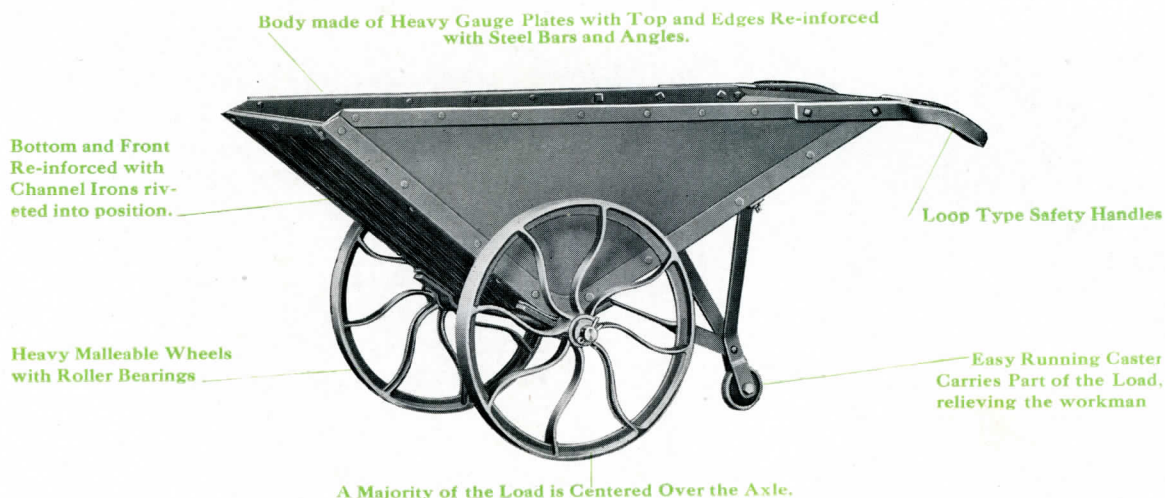
Dash: 18 inches long; 23 inches wide.

Fig. I, Shipping Weight, 110 pounds. Code—IOWA.

The Sidney Steel Scraper Co.,
SIDNEY, OHIO,
U. S. A.



No. 999 Heavy Duty Castings Cart with Light Running Roller Bearing Wheels.



Showing How Cart Tips to
Discharge Load.

THIS CART solves the foundryman's problems of trucking castings about.

It is strongly constructed, yet has that desirable feature of easy portability, largely due to the roller bearing wheels.

This cart will carry 1500 pounds of castings and one man can handle it easily. The body is so balanced over the axle that the weight on the handles is comparatively light, regardless of the load.

The overall width of only 24 inches permits truck to pass easily through doorways. The curved handle grips with safety guards protect the workman's hands.

The malleable iron works for which this cart was originally designed is now using four hundred of them. They recommend them strongly as being the most practical and serviceable carts they have been able to procure.

Specifications.

Dimensions of body: 52 inches long; 24 inches wide; 17 inches deep. Extra heavy wheels; $2\frac{1}{2}$ inch tread; $1\frac{1}{8}$ inch axle; 4 inch hub fitted with roller bearings.

No. 999 Castings Cart. Weight 260 pounds. Code—DAYTON.



B-7 Heavy Duty Castings Barrow

with **U. S. Standard Tubular Steel Drop Frame Chassis.**



PRACTICALLY indestructible and altogether the best heavy duty barrow ever designed.

The Steel Platform or extra bottom on which the tray rests prevents the bottom from sagging or becoming dented and prolongs the life of the tray.

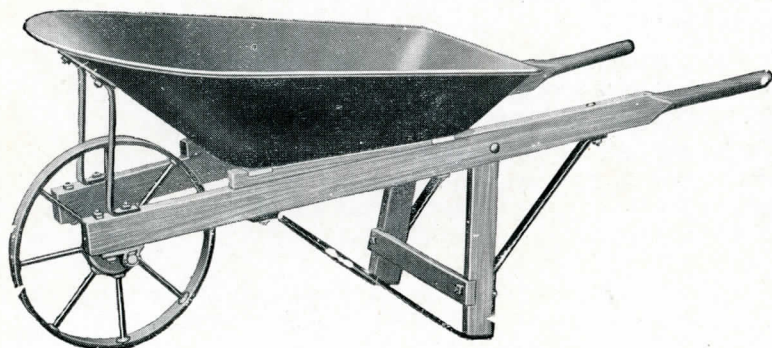
The tray is stamped from No. 12 gauge steel and is strongly re-inforced.

The tubular steel frame passes around the wheel, making an efficient guard or pivot for forward dumping.

Dimensions of Tray: 37 inches long; 30 inches wide; $8\frac{1}{2}$ inches deep at wheel end; $5\frac{1}{2}$ inches deep at handle end.
B-7—Shipping Weight, 100 pounds. Code—BATTLE.

C-3 Heavy Duty Wood Frame Barrow

For Foundries and Machine Shops.



THIS barrow is especially adapted for handling heavy material, being built to carry enormous loads and withstands hard usage.

The steel braces, extending fore and aft from bottom of leg to frame and handle, add extra strength to these important parts.

C-3 Shipping Weight, 80 pounds.
Code—CARTER.

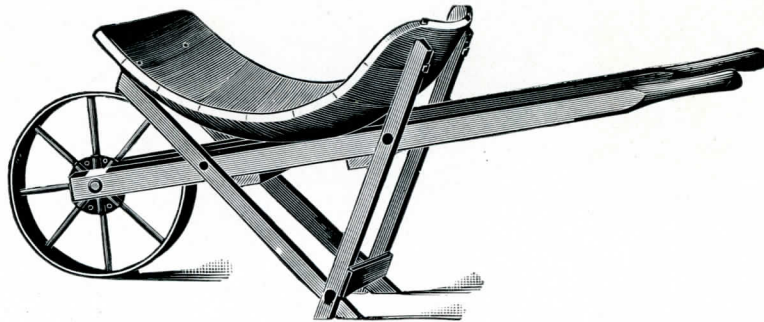
The Sidney Steel Scraper Co.,
SIDNEY, OHIO, U. S. A.



Wood Tray Railroad and Canal Barrows

The Washington.

The Most Popular Stave Tray Barrow On the Market.



Full bolted barrow with steel wheel and stave tray of standard size and shape. The staves are closely fitted, and held in place by two long steel bolts which pass through each stave.

Approximate Shipping Weight 480 lbs. per dozen. Code Word—"WASHINGTON."

The Adams.



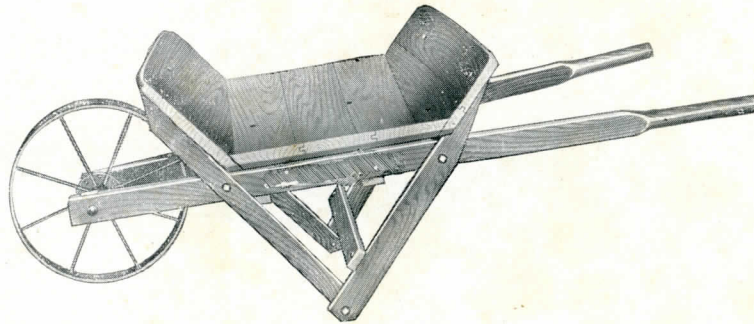
A half bolted barrow with steel wheel and full size bent wood tray. A satisfactory barrow that sells readily and gives good service.

Approximate Shipping Weight 480 lbs. per dozen. Code Word—"ADAMS,"



Wood Tray Railroad and Canal Barrows

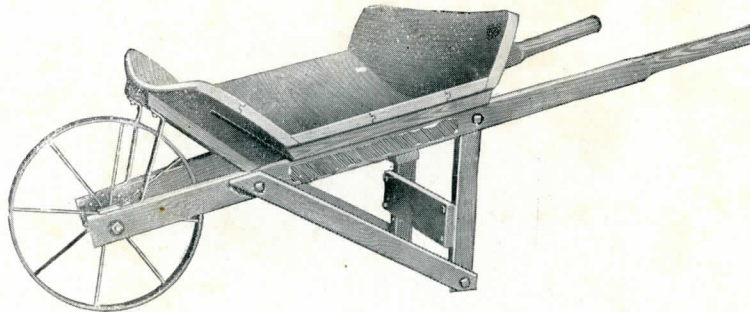
The Madison.



A three-quarter bolted barrow with steel wheel and full size bent wood tray, securely cleated and braced. **A medium price barrow of exceptional value that every dealer should stock and advertise.**

Approximate Shipping Weight 550 lbs. per dozen. Code Word—"MADISON."

The Monroe.



A full bolted barrow with steel wheel and full size bent wood tray, cleated and iron-strapped. Made throughout of selected material, bolted and braced in the strongest possible manner. **The best wood tray barrow on the market. You can't buy a better one no matter what you pay.**

Approximate Shipping Weight 575 lbs, per dozen. Code Word—"MONROE."

The Sidney Steel Scraper Co.,
SIDNEY, OHIO, U. S. A.

